
Appendix G:

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2353059
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY FILLING STA
Project Number:	12060 / PHASE 7
Report Date:	09/21/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353059-01	RI-SB-13 (3-3.5)	SOIL	136-140 OSSINING NY	09/12/23 09:30	09/12/23
L2353059-02	RI-SB-13 (7-7.5)	SOIL	136-140 OSSINING NY	09/12/23 10:00	09/12/23
L2353059-03	RI-SB-13 (13-13.5)	SOIL	136-140 OSSINING NY	09/12/23 10:15	09/12/23
L2353059-04	RI-SB-13 (17-17.5)	SOIL	136-140 OSSINING NY	09/12/23 10:30	09/12/23
L2353059-05	RI-SB-13 (24.5-25)	SOIL	136-140 OSSINING NY	09/12/23 10:45	09/12/23
L2353059-06	RI-SB-14 (2-2.5)	SOIL	136-140 OSSINING NY	09/12/23 12:15	09/12/23
L2353059-07	RI-SB-14 (8.5-9)	SOIL	136-140 OSSINING NY	09/12/23 12:00	09/12/23
L2353059-08	RI-SB-15 (3.5-4)	SOIL	136-140 OSSINING NY	09/12/23 14:20	09/12/23
L2353059-09	RI-SB-15 (7.5-8)	SOIL	136-140 OSSINING NY	09/12/23 14:30	09/12/23
L2353059-10	DUP-20230912	SOIL	136-140 OSSINING NY	09/12/23 00:00	09/12/23
L2353059-11	TB.20230912	WATER	136-140 OSSINING NY	09/12/23 00:00	09/12/23

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Case Narrative (continued)

Report Submission

September 21, 2023: This final report includes the results of all requested analyses.

September 19, 2023: This is a preliminary report.

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

Perfluorinated Alkyl Acids by Isotope Dilution

L2353059-01, -02, -03, -04, -05, -06, -07, -08, -10, WG1829290-1, WG1829290-3, and WG1829290-4:

Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2353059-01, -02, -03, -04, -06, -07, -09, and -10: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

Total Metals

L2353059-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

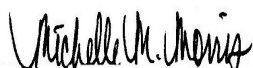
The WG1827243-2/-3 LCS/LCSD recoveries for cyanide, total (121%/122%), associated with L2353059-01 through -06, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits.

The results of the original analyses are reported.

The WG1827245-4/-5 MS/MSD recoveries, performed on L2353059-07, are outside the acceptance criteria for cyanide, total (130%/140%); however, the associated LCS recovery is within criteria. No further action was taken.

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

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 09/21/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:39
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-01
 Client ID: RI-SB-13 (3-3.5)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	2.54	J	ug/kg	1
Unknown	2.54	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:12
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	9.6	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	3.46	J	ug/kg	1
Unknown	3.46	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	111		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:35
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.11	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.85	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-03
 Client ID: RI-SB-13 (13-13.5)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.85	0.25	1
Xylenes, Total	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.85	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.85	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.78	1
Acetone	14		ug/kg	8.5	4.1	1
Carbon disulfide	ND		ug/kg	8.5	3.9	1
2-Butanone	ND		ug/kg	8.5	1.9	1
Vinyl acetate	ND		ug/kg	8.5	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.85	0.14	1
sec-Butylbenzene	ND		ug/kg	0.85	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.85	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.85	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.98	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.85	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	68	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	1.72	J	ug/kg	1
Unknown	1.72	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	113		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:58
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	21		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	19.5	J	ug/kg	1
1-Propene, 2-methyl-	5.90	NJ	ug/kg	1
Unknown	13.6	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	112		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 16:22
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-05
 Client ID: RI-SB-13 (24.5-25)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	18		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	2.38	J	ug/kg	1
Unknown	2.38	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 16:45
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-06
 Client ID: RI-SB-14 (2-2.5)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	11		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	4.37	J	ug/kg	1
Unknown	2.12	J	ug/kg	1
Unknown	2.25	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	113		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/19/23 10:05
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-07
 Client ID: RI-SB-14 (8.5-9)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	4.72	J	ug/kg	1
Unknown	2.11	J	ug/kg	1
Unknown	2.61	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	95		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 17:09
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.21	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-08
 Client ID: RI-SB-15 (3.5-4)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	9.7	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	2.53	J	ug/kg	1
Unknown	2.53	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	111		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 17:32
Analyst: LAC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-09
 Client ID: RI-SB-15 (7.5-8)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	24		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	112		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 17:56
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-10
 Client ID: DUP-20230912
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	111		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-11
Client ID: TB.20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/13/23 13:35
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-11
 Client ID: TB.20230912
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-11
Client ID: TB.20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/13/23 09:51
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1827431-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/13/23 09:51
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1827431-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/13/23 09:51
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1827431-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/13/23 09:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1827431-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	100		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/14/23 11:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08-10 Batch: WG1827943-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/14/23 11:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08-10 Batch: WG1827943-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/14/23 11:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08-10 Batch: WG1827943-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	3.64	J	ug/kg
Unknown	3.64	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/14/23 11:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06,08-10 Batch: WG1827943-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	152	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	112		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 09:13
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,07 Batch: WG1829223-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 09:13
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,07 Batch: WG1829223-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 09:13
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,07 Batch: WG1829223-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.64	J	ug/kg
Unknown	2.64	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,07 Batch: WG1829223-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1827431-3 WG1827431-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	99		97		70-130	2		20
Carbon tetrachloride	94		94		63-132	0		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	97		98		70-130	1		20
Tetrachloroethene	99		98		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	75		72		62-150	4		20
1,2-Dichloroethane	89		88		70-130	1		20
1,1,1-Trichloroethane	94		92		67-130	2		20
Bromodichloromethane	94		92		67-130	2		20
trans-1,3-Dichloropropene	94		94		70-130	0		20
cis-1,3-Dichloropropene	92		90		70-130	2		20
1,1-Dichloropropene	90		87		70-130	3		20
Bromoform	87		87		54-136	0		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	97		96		70-130	1		20
Toluene	100		97		70-130	3		20
Ethylbenzene	94		93		70-130	1		20
Chloromethane	140	Q	130		64-130	7		20
Bromomethane	80		76		39-139	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1827431-3 WG1827431-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	78		72		55-138	8		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	87		86		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	77		78		63-130	1		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	100		98		70-130	2		20
Dibromomethane	92		90		70-130	2		20
1,2,3-Trichloropropane	89		90		64-130	1		20
Acrylonitrile	88		94		70-130	7		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	140		130		36-147	7		20
Acetone	95		98		58-148	3		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	92		91		63-138	1		20
Vinyl acetate	120		110		70-130	9		20
4-Methyl-2-pentanone	84		86		59-130	2		20
2-Hexanone	78		82		57-130	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1827431-3 WG1827431-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	97		92		63-133	5		20
1,2-Dibromoethane	99		100		70-130	1		20
1,3-Dichloropropane	98		97		70-130	1		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	96		92		53-136	4		20
sec-Butylbenzene	98		95		70-130	3		20
tert-Butylbenzene	98		96		70-130	2		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	94		93		41-144	1		20
Hexachlorobutadiene	99		98		63-130	1		20
Isopropylbenzene	97		94		70-130	3		20
p-Isopropyltoluene	98		95		70-130	3		20
Naphthalene	88		90		70-130	2		20
n-Propylbenzene	96		93		69-130	3		20
1,2,3-Trichlorobenzene	94		94		70-130	0		20
1,2,4-Trichlorobenzene	94		94		70-130	0		20
1,3,5-Trimethylbenzene	98		96		64-130	2		20
1,2,4-Trimethylbenzene	100		98		70-130	2		20
1,4-Dioxane	90		80		56-162	12		20
p-Diethylbenzene	98		94		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1827431-3 WG1827431-4								
p-Ethyltoluene	100		98		70-130	2		20
1,2,4,5-Tetramethylbenzene	94		92		70-130	2		20
Ethyl ether	71		70		59-134	1		20
trans-1,4-Dichloro-2-butene	76		73		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08-10 Batch: WG1827943-3 WG1827943-4								
Methylene chloride	97		98		70-130	1		30
1,1-Dichloroethane	113		112		70-130	1		30
Chloroform	103		103		70-130	0		30
Carbon tetrachloride	92		96		70-130	4		30
1,2-Dichloropropane	120		116		70-130	3		30
Dibromochloromethane	98		94		70-130	4		30
1,1,2-Trichloroethane	102		97		70-130	5		30
Tetrachloroethene	92		88		70-130	4		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	87		84		70-139	4		30
1,2-Dichloroethane	120		120		70-130	0		30
1,1,1-Trichloroethane	112		107		70-130	5		30
Bromodichloromethane	108		104		70-130	4		30
trans-1,3-Dichloropropene	115		111		70-130	4		30
cis-1,3-Dichloropropene	108		105		70-130	3		30
1,1-Dichloropropene	123		119		70-130	3		30
Bromoform	97		92		70-130	5		30
1,1,2,2-Tetrachloroethane	120		108		70-130	11		30
Benzene	106		103		70-130	3		30
Toluene	112		109		70-130	3		30
Ethylbenzene	108		105		70-130	3		30
Chloromethane	112		112		52-130	0		30
Bromomethane	111		108		57-147	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08-10 Batch: WG1827943-3 WG1827943-4								
Vinyl chloride	110		108		67-130	2		30
Chloroethane	94		93		50-151	1		30
1,1-Dichloroethene	87		85		65-135	2		30
trans-1,2-Dichloroethene	94		94		70-130	0		30
Trichloroethene	103		104		70-130	1		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	101		97		70-130	4		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	98		96		70-130	2		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Dibromomethane	98		99		70-130	1		30
Styrene	99		98		70-130	1		30
Dichlorodifluoromethane	108		105		30-146	3		30
Acetone	150	Q	149	Q	54-140	1		30
Carbon disulfide	100		99		59-130	1		30
2-Butanone	119		105		70-130	13		30
Vinyl acetate	102		83		70-130	21		30
4-Methyl-2-pentanone	123		115		70-130	7		30
1,2,3-Trichloropropane	126		119		68-130	6		30
2-Hexanone	122		117		70-130	4		30
Bromochloromethane	83		84		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08-10 Batch: WG1827943-3 WG1827943-4								
2,2-Dichloropropane	110		106		70-130	4		30
1,2-Dibromoethane	99		95		70-130	4		30
1,3-Dichloropropane	109		104		69-130	5		30
1,1,1,2-Tetrachloroethane	97		92		70-130	5		30
Bromobenzene	104		99		70-130	5		30
n-Butylbenzene	123		116		70-130	6		30
sec-Butylbenzene	114		108		70-130	5		30
tert-Butylbenzene	108		103		70-130	5		30
o-Chlorotoluene	119		114		70-130	4		30
p-Chlorotoluene	118		114		70-130	3		30
1,2-Dibromo-3-chloropropane	89		85		68-130	5		30
Hexachlorobutadiene	98		92		67-130	6		30
Isopropylbenzene	115		110		70-130	4		30
p-Isopropyltoluene	109		103		70-130	6		30
Naphthalene	102		98		70-130	4		30
Acrylonitrile	111		110		70-130	1		30
n-Propylbenzene	121		115		70-130	5		30
1,2,3-Trichlorobenzene	103		99		70-130	4		30
1,2,4-Trichlorobenzene	104		99		70-130	5		30
1,3,5-Trimethylbenzene	115		109		70-130	5		30
1,2,4-Trimethylbenzene	115		110		70-130	4		30
1,4-Dioxane	74		56	Q	65-136	28		30
p-Diethylbenzene	111		105		70-130	6		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06,08-10 Batch: WG1827943-3 WG1827943-4								
p-Ethyltoluene	114		109		70-130	4		30
1,2,4,5-Tetramethylbenzene	121		115		70-130	5		30
Ethyl ether	95		71		67-130	29		30
trans-1,4-Dichloro-2-butene	128		121		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	126		121		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	114		113		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,07 Batch: WG1829223-3 WG1829223-4								
Methylene chloride	77		77		70-130	0		30
1,1-Dichloroethane	80		79		70-130	1		30
Chloroform	81		81		70-130	0		30
Carbon tetrachloride	85		84		70-130	1		30
1,2-Dichloropropane	84		84		70-130	0		30
Dibromochloromethane	90		90		70-130	0		30
1,1,2-Trichloroethane	81		83		70-130	2		30
Tetrachloroethene	101		100		70-130	1		30
Chlorobenzene	90		89		70-130	1		30
Trichlorofluoromethane	84		82		70-139	2		30
1,2-Dichloroethane	80		81		70-130	1		30
1,1,1-Trichloroethane	83		82		70-130	1		30
Bromodichloromethane	82		82		70-130	0		30
trans-1,3-Dichloropropene	85		85		70-130	0		30
cis-1,3-Dichloropropene	86		85		70-130	1		30
1,1-Dichloropropene	86		84		70-130	2		30
Bromoform	85		86		70-130	1		30
1,1,2,2-Tetrachloroethane	76		76		70-130	0		30
Benzene	86		84		70-130	2		30
Toluene	84		82		70-130	2		30
Ethylbenzene	86		84		70-130	2		30
Chloromethane	63		62		52-130	2		30
Bromomethane	77		77		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,07 Batch: WG1829223-3 WG1829223-4								
Vinyl chloride	69		67		67-130	3		30
Chloroethane	80		78		50-151	3		30
1,1-Dichloroethene	77		75		65-135	3		30
trans-1,2-Dichloroethene	81		79		70-130	3		30
Trichloroethene	87		87		70-130	0		30
1,2-Dichlorobenzene	92		91		70-130	1		30
1,3-Dichlorobenzene	92		90		70-130	2		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	78		78		66-130	0		30
p/m-Xylene	90		88		70-130	2		30
o-Xylene	89		88		70-130	1		30
cis-1,2-Dichloroethene	82		82		70-130	0		30
Dibromomethane	83		84		70-130	1		30
Styrene	87		86		70-130	1		30
Dichlorodifluoromethane	50		48		30-146	4		30
Acetone	68		72		54-140	6		30
Carbon disulfide	74		72		59-130	3		30
2-Butanone	75		76		70-130	1		30
Vinyl acetate	76		77		70-130	1		30
4-Methyl-2-pentanone	73		75		70-130	3		30
1,2,3-Trichloropropane	76		78		68-130	3		30
2-Hexanone	75		76		70-130	1		30
Bromochloromethane	89		90		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,07 Batch: WG1829223-3 WG1829223-4								
2,2-Dichloropropane	81		79		70-130	3		30
1,2-Dibromoethane	89		90		70-130	1		30
1,3-Dichloropropane	86		87		69-130	1		30
1,1,1,2-Tetrachloroethane	92		92		70-130	0		30
Bromobenzene	92		90		70-130	2		30
n-Butylbenzene	85		83		70-130	2		30
sec-Butylbenzene	85		82		70-130	4		30
tert-Butylbenzene	85		83		70-130	2		30
o-Chlorotoluene	82		92		70-130	11		30
p-Chlorotoluene	82		80		70-130	2		30
1,2-Dibromo-3-chloropropane	76		80		68-130	5		30
Hexachlorobutadiene	99		98		67-130	1		30
Isopropylbenzene	84		82		70-130	2		30
p-Isopropyltoluene	86		84		70-130	2		30
Naphthalene	83		86		70-130	4		30
Acrylonitrile	70		73		70-130	4		30
n-Propylbenzene	83		81		70-130	2		30
1,2,3-Trichlorobenzene	97		99		70-130	2		30
1,2,4-Trichlorobenzene	99		100		70-130	1		30
1,3,5-Trimethylbenzene	84		82		70-130	2		30
1,2,4-Trimethylbenzene	84		82		70-130	2		30
1,4-Dioxane	92		96		65-136	4		30
p-Diethylbenzene	86		84		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,07 Batch: WG1829223-3 WG1829223-4								
p-Ethyltoluene	85		83		70-130	2		30
1,2,4,5-Tetramethylbenzene	86		85		70-130	1		30
Ethyl ether	74		76		67-130	3		30
trans-1,4-Dichloro-2-butene	74		74		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	86		88		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	94		95		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 14:45
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-01
 Client ID: RI-SB-13 (3-3.5)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	64		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 01:43
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.545	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.545	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.272	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.545	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.272	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.272	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.272	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.545	0.196	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.545	0.149	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.272	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.272	0.142	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.272	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.545	0.313	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.545	0.219	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.545	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.545	0.167	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.545	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.545	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.545	0.223	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.545	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.272	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	59		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	110		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	72	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	44		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	87		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	40		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	28		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 11:47
Analyst: AC
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.545	0.107	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			69		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 15:08
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	56		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 02:16
Analyst: SG
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.536	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.536	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.268	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.536	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.268	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.268	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.268	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.536	0.192	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.536	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.268	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.268	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.268	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.536	0.308	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.536	0.216	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.536	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.536	0.164	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.536	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.536	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.536	0.219	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.536	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.268	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	115		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	65	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	131		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	30		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 11:53
Analyst: AC
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.536	0.105	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			61		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 15:32
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-03
 Client ID: RI-SB-13 (13-13.5)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	65		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 02:49
Analyst: SG
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.538	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.538	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.269	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.538	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.269	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.269	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.269	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.538	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.538	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.269	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.269	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.269	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.538	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.538	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.538	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.538	0.164	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.538	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.538	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.538	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.538	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.269	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	127		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	75	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	142		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	32		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 11:59
Analyst: AC
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.538	0.105	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			75		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 15:55
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	73		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 03:05
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.539	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.539	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.269	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.539	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.269	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.269	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.269	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.539	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.539	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.269	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.269	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.269	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.539	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.539	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.539	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.539	0.165	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.539	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.539	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.539	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.539	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.269	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	78		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	142		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	49		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	33		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:05
Analyst: AC
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.539	0.106	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			79		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 16:18
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-05
 Client ID: RI-SB-13 (24.5-25)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	56		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 03:22
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.545	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.545	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.272	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.545	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.272	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.272	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.272	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.545	0.196	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.545	0.149	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.272	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.272	0.142	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.272	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.545	0.313	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.545	0.219	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.545	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.545	0.167	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.545	0.107	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.545	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.545	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.545	0.223	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.545	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.272	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	57	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	83		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	77	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	70	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	109		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	61	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	66	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	70	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	121		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	45		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	34		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	16	Q	24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 16:42
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-06
 Client ID: RI-SB-14 (2-2.5)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	57		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 03:38
Analyst: SG
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.531	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.531	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.265	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.531	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.265	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.265	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.265	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.531	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.531	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.265	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.265	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.265	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.531	0.305	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.531	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.531	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.531	0.162	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.531	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.531	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.531	0.217	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.531	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.265	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	65	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	71	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	133		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	40		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	38		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	21	Q	24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:12
Analyst: AC
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.531	0.104	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			83		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 17:05
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	83		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 03:55
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.552	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.552	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.276	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.552	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.276	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.276	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.276	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.552	0.198	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.552	0.151	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.276	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.276	0.144	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.276	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.552	0.317	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.552	0.223	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.552	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.552	0.169	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.552	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.552	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.552	0.226	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.552	0.060	1
PFOA/PFOS, Total	ND		ng/g	0.276	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	121		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	69	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	73	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	77		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	142		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	28		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:18
Analyst: AC
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.552	0.108	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			76		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 17:28
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-08
 Client ID: RI-SB-15 (3.5-4)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	51		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 04:12
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.545	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.545	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.272	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.545	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.272	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.272	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.272	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.545	0.196	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.545	0.149	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.272	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.272	0.142	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.272	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.545	0.313	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.545	0.220	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.545	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.545	0.167	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.545	0.107	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.545	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.545	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.545	0.223	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.545	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.272	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	58		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	117		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	64	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	68	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	127		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	23	Q	24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 17:52
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	42	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-09
 Client ID: RI-SB-15 (7.5-8)
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	25	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	23	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	39	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	59		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 04:28
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.551	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.551	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.551	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.551	0.198	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.551	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.551	0.316	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.551	0.222	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.551	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.551	0.168	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.551	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.551	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.551	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.551	0.060	1
PFOA/PFOS, Total	ND		ng/g	0.275	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	65		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	163		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	106		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:24
Analyst: AC
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.551	0.108	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			82		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 18:15
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-10
 Client ID: DUP-20230912
 Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 04:45
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.543	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.543	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.271	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.543	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.271	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.271	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.271	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.543	0.195	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.543	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.271	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.271	0.141	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.271	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.543	0.312	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.543	0.219	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.543	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.543	0.166	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.543	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.543	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.543	0.222	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.543	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.271	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	126		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	138		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	41		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	25		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:30
Analyst: AC
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.543	0.106	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			70		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1827186-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1827186-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1827186-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	68		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 01:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-10 Batch: WG1829290-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 01:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-10 Batch: WG1829290-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	114		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	153		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	184	Q	19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	119		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	121		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	123		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 11:34
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-10 Batch: WG1829290-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	89		10-117

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1827186-2 WG1827186-3								
Acenaphthene	78		87		31-137	11		50
1,2,4-Trichlorobenzene	75		88		38-107	16		50
Hexachlorobenzene	84		92		40-140	9		50
Bis(2-chloroethyl)ether	71		86		40-140	19		50
2-Chloronaphthalene	79		91		40-140	14		50
1,2-Dichlorobenzene	71		86		40-140	19		50
1,3-Dichlorobenzene	70		85		40-140	19		50
1,4-Dichlorobenzene	70		85		28-104	19		50
3,3'-Dichlorobenzidine	71		73		40-140	3		50
2,4-Dinitrotoluene	89		97		40-132	9		50
2,6-Dinitrotoluene	83		91		40-140	9		50
Fluoranthene	80		87		40-140	8		50
4-Chlorophenyl phenyl ether	81		90		40-140	11		50
4-Bromophenyl phenyl ether	82		91		40-140	10		50
Bis(2-chloroisopropyl)ether	73		86		40-140	16		50
Bis(2-chloroethoxy)methane	76		88		40-117	15		50
Hexachlorobutadiene	69		84		40-140	20		50
Hexachlorocyclopentadiene	77		89		40-140	14		50
Hexachloroethane	70		84		40-140	18		50
Isophorone	74		83		40-140	11		50
Naphthalene	74		88		40-140	17		50
Nitrobenzene	75		89		40-140	17		50
NDPA/DPA	83		89		36-157	7		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1827186-2 WG1827186-3								
n-Nitrosodi-n-propylamine	77		89		32-121	14		50
Bis(2-ethylhexyl)phthalate	80		89		40-140	11		50
Butyl benzyl phthalate	80		88		40-140	10		50
Di-n-butylphthalate	80		88		40-140	10		50
Di-n-octylphthalate	79		88		40-140	11		50
Diethyl phthalate	80		87		40-140	8		50
Dimethyl phthalate	80		89		40-140	11		50
Benzo(a)anthracene	82		90		40-140	9		50
Benzo(a)pyrene	91		101		40-140	10		50
Benzo(b)fluoranthene	84		93		40-140	10		50
Benzo(k)fluoranthene	87		98		40-140	12		50
Chrysene	82		90		40-140	9		50
Acenaphthylene	85		94		40-140	10		50
Anthracene	81		89		40-140	9		50
Benzo(ghi)perylene	80		87		40-140	8		50
Fluorene	81		88		40-140	8		50
Phenanthrene	80		86		40-140	7		50
Dibenzo(a,h)anthracene	80		87		40-140	8		50
Indeno(1,2,3-cd)pyrene	90		98		40-140	9		50
Pyrene	80		88		35-142	10		50
Biphenyl	86		97		37-127	12		50
4-Chloroaniline	67		74		40-140	10		50
2-Nitroaniline	89		97		47-134	9		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1827186-2 WG1827186-3								
3-Nitroaniline	75		82		26-129	9		50
4-Nitroaniline	80		91		41-125	13		50
Dibenzofuran	81		90		40-140	11		50
2-Methylnaphthalene	80		92		40-140	14		50
1,2,4,5-Tetrachlorobenzene	82		95		40-117	15		50
Acetophenone	84		99		14-144	16		50
2,4,6-Trichlorophenol	91		103		30-130	12		50
p-Chloro-m-cresol	88		97		26-103	10		50
2-Chlorophenol	80		95		25-102	17		50
2,4-Dichlorophenol	87		97		30-130	11		50
2,4-Dimethylphenol	74		82		30-130	10		50
2-Nitrophenol	83		98		30-130	17		50
4-Nitrophenol	93		103		11-114	10		50
2,4-Dinitrophenol	88		94		4-130	7		50
4,6-Dinitro-o-cresol	105		111		10-130	6		50
Pentachlorophenol	107		120	Q	17-109	11		50
Phenol	81		94	Q	26-90	15		50
2-Methylphenol	84		97		30-130.	14		50
3-Methylphenol/4-Methylphenol	92		105		30-130	13		50
2,4,5-Trichlorophenol	91		102		30-130	11		50
Benzoic Acid	49		55		10-110	12		50
Benzyl Alcohol	83		96		40-140	15		50
Carbazole	81		90		54-128	11		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1827186-2 WG1827186-3								
1,4-Dioxane	61		68		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		103		25-120
Phenol-d6	84		96		10-120
Nitrobenzene-d5	76		90		23-120
2-Fluorobiphenyl	80		89		30-120
2,4,6-Tribromophenol	102		114		10-136
4-Terphenyl-d14	79		84		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2353059

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 Batch: WG1829290-2								
Perfluorobutanoic Acid (PFBA)	114		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	116		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	122		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	124		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	111		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	117		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	120		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	117		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	110		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	119		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	117		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 Batch: WG1829290-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	144				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	170				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	118				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	110				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68				24-159

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 Batch: WG1829290-2								
Perfluorooctanesulfonamide (FOSA)	101		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2353059

Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1829290-3 QC Sample: L2353059-01 Client ID: RI-SB-13 (3-3.5)												
Perfluorobutanoic Acid (PFBA)	ND	5.47	6.17	113	-	-	-	-	71-135	-	-	30
Perfluoropentanoic Acid (PFPeA)	ND	5.47	5.99	109	-	-	-	-	69-132	-	-	30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.86	5.38	111	-	-	-	-	72-128	-	-	30
Perfluorohexanoic Acid (PFHxA)	ND	5.47	6.03	110	-	-	-	-	70-132	-	-	30
Perfluoroheptanoic Acid (PFHpA)	ND	5.47	5.99	109	-	-	-	-	71-131	-	-	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5	5.18	104	-	-	-	-	67-130	-	-	30
Perfluorooctanoic Acid (PFOA)	ND	5.47	6.37	116	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.21	5.22	100	-	-	-	-	64-140	-	-	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.22	6.25	120	-	-	-	-	70-132	-	-	30
Perfluorononanoic Acid (PFNA)	ND	5.47	6.61	121	-	-	-	-	72-129	-	-	30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.08	5.44	107	-	-	-	-	68-136	-	-	30
Perfluorodecanoic Acid (PFDA)	ND	5.47	6.49	119	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.25	5.82	111	-	-	-	-	65-137	-	-	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.47	6.16	113	-	-	-	-	63-144	-	-	30
Perfluoroundecanoic Acid (PFUnA)	ND	5.47	5.89	108	-	-	-	-	64-136	-	-	30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.29	5.40	102	-	-	-	-	59-134	-	-	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.47	6.71	123	-	-	-	-	61-139	-	-	30
Perfluorododecanoic Acid (PFDoA)	ND	5.47	5.98	109	-	-	-	-	69-135	-	-	30
Perfluorotridecanoic Acid (PFTTrDA)	ND	5.47	6.70	122	-	-	-	-	66-139	-	-	30
Perfluorotetradecanoic Acid (PFTA)	ND	5.47	6.25	114	-	-	-	-	69-133	-	-	30

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1829290-3 QC Sample: L2353059-01 Client ID: RI-SB-13 (3-3.5)												

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	39				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73	Q			75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	26				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	76				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	60				58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74	Q			79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74	Q			75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	67	Q			72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90				74-139

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2353059

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1829290-4 QC Sample: L2353059-02 Client ID: RI-SB-13 (7-7.5)						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/g	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1829290-4 QC Sample: L2353059-02 Client ID: RI-SB-13 (7-7.5)						

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		64		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		91		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		87		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	115		125		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	65	Q	69	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71	Q	76	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73	Q	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	131		146		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49		52		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		95		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		58		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		75		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	30		31		24-159

PCBS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 12:41
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.71	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.15	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.80	1	A
Aroclor 1260	ND		ug/kg	53.1	9.80	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 12:50
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.9	4.52	1	A
Aroclor 1221	ND		ug/kg	50.9	5.10	1	A
Aroclor 1232	ND		ug/kg	50.9	10.8	1	A
Aroclor 1242	ND		ug/kg	50.9	6.86	1	A
Aroclor 1248	ND		ug/kg	50.9	7.64	1	A
Aroclor 1254	ND		ug/kg	50.9	5.57	1	A
Aroclor 1260	ND		ug/kg	50.9	9.41	1	A
Aroclor 1262	ND		ug/kg	50.9	6.46	1	A
Aroclor 1268	ND		ug/kg	50.9	5.27	1	A
PCBs, Total	ND		ug/kg	50.9	4.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 12:58
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.55	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 13:07
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.96	1	A
Aroclor 1248	ND		ug/kg	51.6	7.75	1	A
Aroclor 1254	ND		ug/kg	51.6	5.65	1	A
Aroclor 1260	ND		ug/kg	51.6	9.54	1	A
Aroclor 1262	ND		ug/kg	51.6	6.56	1	A
Aroclor 1268	ND		ug/kg	51.6	5.35	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 13:15
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	7.00	1	A
Aroclor 1248	ND		ug/kg	51.9	7.79	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	ND		ug/kg	51.9	9.60	1	A
Aroclor 1262	ND		ug/kg	51.9	6.60	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	ND		ug/kg	51.9	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 13:24
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.3	4.46	1	A
Aroclor 1221	ND		ug/kg	50.3	5.04	1	A
Aroclor 1232	ND		ug/kg	50.3	10.6	1	A
Aroclor 1242	ND		ug/kg	50.3	6.78	1	A
Aroclor 1248	ND		ug/kg	50.3	7.54	1	A
Aroclor 1254	ND		ug/kg	50.3	5.50	1	A
Aroclor 1260	ND		ug/kg	50.3	9.29	1	A
Aroclor 1262	ND		ug/kg	50.3	6.38	1	A
Aroclor 1268	ND		ug/kg	50.3	5.21	1	A
PCBs, Total	ND		ug/kg	50.3	4.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 13:32
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.3	4.74	1	A
Aroclor 1221	ND		ug/kg	53.3	5.34	1	A
Aroclor 1232	ND		ug/kg	53.3	11.3	1	A
Aroclor 1242	ND		ug/kg	53.3	7.19	1	A
Aroclor 1248	ND		ug/kg	53.3	8.00	1	A
Aroclor 1254	ND		ug/kg	53.3	5.83	1	A
Aroclor 1260	ND		ug/kg	53.3	9.86	1	A
Aroclor 1262	ND		ug/kg	53.3	6.77	1	A
Aroclor 1268	ND		ug/kg	53.3	5.52	1	A
PCBs, Total	ND		ug/kg	53.3	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 13:41
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.30	1	A
Aroclor 1248	ND		ug/kg	54.2	8.12	1	A
Aroclor 1254	ND		ug/kg	54.2	5.93	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.61	1	A
PCBs, Total	ND		ug/kg	54.2	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 13:49
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.9	4.88	1	A
Aroclor 1221	ND		ug/kg	54.9	5.50	1	A
Aroclor 1232	ND		ug/kg	54.9	11.6	1	A
Aroclor 1242	ND		ug/kg	54.9	7.40	1	A
Aroclor 1248	ND		ug/kg	54.9	8.24	1	A
Aroclor 1254	ND		ug/kg	54.9	6.01	1	A
Aroclor 1260	ND		ug/kg	54.9	10.1	1	A
Aroclor 1262	ND		ug/kg	54.9	6.97	1	A
Aroclor 1268	ND		ug/kg	54.9	5.69	1	A
PCBs, Total	ND		ug/kg	54.9	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 13:57
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.64	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.05	1	A
Aroclor 1248	ND		ug/kg	52.3	7.85	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.67	1	A
Aroclor 1262	ND		ug/kg	52.3	6.64	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/13/23 09:51
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 04:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/13/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/13/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1826793-1						
Aroclor 1016	ND		ug/kg	48.8	4.34	A
Aroclor 1221	ND		ug/kg	48.8	4.89	A
Aroclor 1232	ND		ug/kg	48.8	10.4	A
Aroclor 1242	ND		ug/kg	48.8	6.58	A
Aroclor 1248	ND		ug/kg	48.8	7.32	A
Aroclor 1254	ND		ug/kg	48.8	5.34	A
Aroclor 1260	ND		ug/kg	48.8	9.02	A
Aroclor 1262	ND		ug/kg	48.8	6.20	A
Aroclor 1268	ND		ug/kg	48.8	5.06	A
PCBs, Total	ND		ug/kg	48.8	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1826793-2 WG1826793-3									
Aroclor 1016	63		67		40-140	6		50	A
Aroclor 1260	56		58		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		65		30-150	A
Decachlorobiphenyl	59		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		65		30-150	B
Decachlorobiphenyl	58		60		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 14:12
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.722	0.322	1	A
Alpha-BHC	ND		ug/kg	0.722	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.866	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.610	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.974	1	A
Endrin	ND		ug/kg	0.722	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.758	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.579	1	A
Endosulfan sulfate	ND		ug/kg	0.722	0.343	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.09	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.571	1	A
Chlordane	ND		ug/kg	14.4	5.74	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 14:23
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.975	1	A
Toxaphene	ND		ug/kg	31.3	8.77	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 14:34
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 14:45
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.878	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.988	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.768	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.626	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.22	1	A
cis-Chlordane	ND		ug/kg	2.19	0.612	1	A
trans-Chlordane	ND		ug/kg	2.19	0.579	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 14:56
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.842	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.737	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.390	1	A
4,4'-DDD	ND		ug/kg	1.68	0.601	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.983	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:07
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	0.410	J	ug/kg	1.72	0.398	1	B
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.03	1	A
cis-Chlordane	ND	IP	ug/kg	2.15	0.599	1	B
trans-Chlordane	ND	IP	ug/kg	2.15	0.567	1	B
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 16:51
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.722	0.323	1	A
Alpha-BHC	ND		ug/kg	0.722	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.657	1	A
Heptachlor	ND		ug/kg	0.867	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.610	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.975	1	A
Endrin	ND		ug/kg	0.722	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.758	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	ND		ug/kg	1.73	0.401	1	A
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.579	1	A
Endosulfan sulfate	ND		ug/kg	0.722	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.10	1	A
cis-Chlordane	ND		ug/kg	2.17	0.604	1	A
trans-Chlordane	ND		ug/kg	2.17	0.572	1	A
Chlordane	ND		ug/kg	14.4	5.74	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:02
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.643	1	A
Heptachlor	ND		ug/kg	0.847	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.953	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.69	0.392	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND	IP	ug/kg	2.12	0.559	1	B
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:13
Analyst: EJL
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	0.414	J	ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.37	1	A
cis-Chlordane	ND		ug/kg	2.23	0.621	1	A
trans-Chlordane	ND	IP	ug/kg	2.23	0.589	1	B
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:24
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.955	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.91	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/15/23 12:54
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 16:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/15/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1827157-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.597	A
Heptachlor	ND		ug/kg	0.787	0.353	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.885	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.984	0.492	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.561	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.918	A
Toxaphene	ND		ug/kg	29.5	8.26	A
cis-Chlordane	ND		ug/kg	1.97	0.548	A
trans-Chlordane	ND		ug/kg	1.97	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/15/23 12:54
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 16:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/15/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1827157-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1827157-2 WG1827157-3									
Delta-BHC	80		88		30-150	10		30	A
Lindane	72		80		30-150	11		30	A
Alpha-BHC	71		79		30-150	11		30	A
Beta-BHC	77		79		30-150	3		30	A
Heptachlor	70		78		30-150	11		30	A
Aldrin	71		80		30-150	12		30	A
Heptachlor epoxide	73		80		30-150	9		30	A
Endrin	76		84		30-150	10		30	A
Endrin aldehyde	64		72		30-150	12		30	A
Endrin ketone	81		89		30-150	9		30	A
Dieldrin	82		90		30-150	9		30	A
4,4'-DDE	76		84		30-150	10		30	A
4,4'-DDD	81		89		30-150	9		30	A
4,4'-DDT	79		88		30-150	11		30	A
Endosulfan I	71		77		30-150	8		30	A
Endosulfan II	76		84		30-150	10		30	A
Endosulfan sulfate	76		84		30-150	10		30	A
Methoxychlor	76		82		30-150	8		30	A
cis-Chlordane	70		78		30-150	11		30	A
trans-Chlordane	79		87		30-150	10		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1827157-2 WG1827157-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150	A
Decachlorobiphenyl	69		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		73		30-150	B
Decachlorobiphenyl	65		73		30-150	B

METALS

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-01

Date Collected: 09/12/23 09:30

Client ID: RI-SB-13 (3-3.5)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9240		mg/kg	8.59	2.32	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Antimony, Total	0.775	J	mg/kg	4.30	0.326	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.66		mg/kg	0.859	0.179	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Barium, Total	114		mg/kg	0.859	0.150	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.135	J	mg/kg	0.430	0.028	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.859	0.084	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Calcium, Total	2780		mg/kg	8.59	3.01	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Chromium, Total	16.0		mg/kg	0.859	0.083	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.74		mg/kg	1.72	0.143	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Copper, Total	13.9		mg/kg	0.859	0.222	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Iron, Total	17300		mg/kg	4.30	0.776	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Lead, Total	3.91	J	mg/kg	4.30	0.230	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Magnesium, Total	4800		mg/kg	8.59	1.32	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Manganese, Total	255		mg/kg	0.859	0.137	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Mercury, Total	0.095		mg/kg	0.070	0.046	1	09/13/23 22:45	09/16/23 14:48	EPA 7471B	1,7471B	GMG
Nickel, Total	13.9		mg/kg	2.15	0.208	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Potassium, Total	4420		mg/kg	215	12.4	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.430	0.243	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Sodium, Total	98.0	J	mg/kg	172	2.71	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Thallium, Total	1.22	J	mg/kg	1.72	0.271	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Vanadium, Total	22.2		mg/kg	0.859	0.174	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB
Zinc, Total	42.2		mg/kg	4.30	0.252	2	09/13/23 21:10	09/14/23 08:03	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-02

Date Collected: 09/12/23 10:00

Client ID: RI-SB-13 (7-7.5)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.57	2.31	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Antimony, Total	0.890	J	mg/kg	4.28	0.326	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.67		mg/kg	0.857	0.178	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Barium, Total	137		mg/kg	0.857	0.149	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.052	J	mg/kg	0.428	0.028	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.857	0.084	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Calcium, Total	7740		mg/kg	8.57	3.00	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Chromium, Total	26.4		mg/kg	0.857	0.082	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.69		mg/kg	1.71	0.142	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Copper, Total	14.8		mg/kg	0.857	0.221	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Iron, Total	19200		mg/kg	4.28	0.774	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Lead, Total	3.74	J	mg/kg	4.28	0.230	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Magnesium, Total	6450		mg/kg	8.57	1.32	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Manganese, Total	239		mg/kg	0.857	0.136	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.070	0.045	1	09/13/23 22:45	09/16/23 15:01	EPA 7471B	1,7471B	GMG
Nickel, Total	17.8		mg/kg	2.14	0.207	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Potassium, Total	5300		mg/kg	214	12.3	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.71	0.221	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.428	0.242	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Sodium, Total	122	J	mg/kg	171	2.70	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Thallium, Total	1.42	J	mg/kg	1.71	0.270	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.4		mg/kg	0.857	0.174	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB
Zinc, Total	50.3		mg/kg	4.28	0.251	2	09/13/23 21:10	09/14/23 08:08	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-03

Date Collected: 09/12/23 10:15

Client ID: RI-SB-13 (13-13.5)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8040		mg/kg	8.21	2.22	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Antimony, Total	0.480	J	mg/kg	4.11	0.312	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.22		mg/kg	0.821	0.171	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Barium, Total	103		mg/kg	0.821	0.143	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.083	J	mg/kg	0.411	0.027	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.821	0.081	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Calcium, Total	5370		mg/kg	8.21	2.88	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Chromium, Total	16.3		mg/kg	0.821	0.079	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.45		mg/kg	1.64	0.136	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Copper, Total	10.4		mg/kg	0.821	0.212	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Iron, Total	15000		mg/kg	4.11	0.742	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Lead, Total	3.64	J	mg/kg	4.11	0.220	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Magnesium, Total	5240		mg/kg	8.21	1.26	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Manganese, Total	144		mg/kg	0.821	0.131	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/13/23 22:45	09/16/23 15:05	EPA 7471B	1,7471B	GMG
Nickel, Total	13.0		mg/kg	2.05	0.199	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Potassium, Total	4410		mg/kg	205	11.8	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.64	0.212	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.411	0.232	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Sodium, Total	89.1	J	mg/kg	164	2.59	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Thallium, Total	1.09	J	mg/kg	1.64	0.259	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Vanadium, Total	21.7		mg/kg	0.821	0.167	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB
Zinc, Total	38.3		mg/kg	4.11	0.241	2	09/13/23 21:10	09/14/23 10:48	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-04

Date Collected: 09/12/23 10:30

Client ID: RI-SB-13 (17-17.5)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7910		mg/kg	8.71	2.35	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Antimony, Total	0.727	J	mg/kg	4.36	0.331	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.33		mg/kg	0.871	0.181	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Barium, Total	102		mg/kg	0.871	0.152	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.063	J	mg/kg	0.436	0.029	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.871	0.085	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Calcium, Total	6600		mg/kg	8.71	3.05	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Chromium, Total	45.4		mg/kg	0.871	0.084	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.56		mg/kg	1.74	0.145	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Copper, Total	15.4		mg/kg	0.871	0.225	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Iron, Total	16700		mg/kg	4.36	0.787	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Lead, Total	4.06	J	mg/kg	4.36	0.234	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Magnesium, Total	4830		mg/kg	8.71	1.34	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Manganese, Total	181		mg/kg	0.871	0.138	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/13/23 22:45	09/16/23 15:08	EPA 7471B	1,7471B	GMG
Nickel, Total	16.4		mg/kg	2.18	0.211	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Potassium, Total	4190		mg/kg	218	12.5	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.74	0.225	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.436	0.247	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Sodium, Total	136	J	mg/kg	174	2.74	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Thallium, Total	1.04	J	mg/kg	1.74	0.274	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Vanadium, Total	20.5		mg/kg	0.871	0.177	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB
Zinc, Total	34.8		mg/kg	4.36	0.255	2	09/13/23 21:10	09/14/23 09:11	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-05

Date Collected: 09/12/23 10:45

Client ID: RI-SB-13 (24.5-25)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	8.37	2.26	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Antimony, Total	0.698	J	mg/kg	4.19	0.318	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.61		mg/kg	0.837	0.174	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Barium, Total	135		mg/kg	0.837	0.146	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.117	J	mg/kg	0.419	0.028	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.837	0.082	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Calcium, Total	6110		mg/kg	8.37	2.93	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Chromium, Total	21.1		mg/kg	0.837	0.080	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.95		mg/kg	1.67	0.139	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Copper, Total	15.0		mg/kg	0.837	0.216	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Iron, Total	19600		mg/kg	4.19	0.756	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Lead, Total	4.51		mg/kg	4.19	0.224	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Magnesium, Total	6700		mg/kg	8.37	1.29	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Manganese, Total	213		mg/kg	0.837	0.133	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.069	0.045	1	09/13/23 22:45	09/16/23 15:11	EPA 7471B	1,7471B	GMG
Nickel, Total	18.3		mg/kg	2.09	0.203	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Potassium, Total	5970		mg/kg	209	12.0	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.67	0.216	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.419	0.237	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Sodium, Total	114	J	mg/kg	167	2.64	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Thallium, Total	1.35	J	mg/kg	1.67	0.264	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Vanadium, Total	29.1		mg/kg	0.837	0.170	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB
Zinc, Total	51.4		mg/kg	4.19	0.245	2	09/13/23 21:10	09/14/23 09:16	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-06

Date Collected: 09/12/23 12:15

Client ID: RI-SB-14 (2-2.5)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	8.41	2.27	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Antimony, Total	0.708	J	mg/kg	4.21	0.320	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.04		mg/kg	0.841	0.175	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Barium, Total	133		mg/kg	0.841	0.146	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.167	J	mg/kg	0.421	0.028	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.841	0.082	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Calcium, Total	2870		mg/kg	8.41	2.94	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Chromium, Total	20.6		mg/kg	0.841	0.081	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.41		mg/kg	1.68	0.140	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Copper, Total	16.0		mg/kg	0.841	0.217	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Iron, Total	20200		mg/kg	4.21	0.760	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Lead, Total	6.23		mg/kg	4.21	0.225	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Magnesium, Total	5640		mg/kg	8.41	1.30	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Manganese, Total	291		mg/kg	0.841	0.134	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/13/23 22:45	09/16/23 15:21	EPA 7471B	1,7471B	GMG
Nickel, Total	18.1		mg/kg	2.10	0.204	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Potassium, Total	5040		mg/kg	210	12.1	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.68	0.217	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.421	0.238	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Sodium, Total	104	J	mg/kg	168	2.65	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Thallium, Total	1.09	J	mg/kg	1.68	0.265	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.9		mg/kg	0.841	0.171	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB
Zinc, Total	52.3		mg/kg	4.21	0.246	2	09/13/23 21:10	09/14/23 09:21	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-07

Date Collected: 09/12/23 12:00

Client ID: RI-SB-14 (8.5-9)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12400		mg/kg	8.51	2.30	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Antimony, Total	0.637	J	mg/kg	4.26	0.323	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.00		mg/kg	0.851	0.177	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Barium, Total	139		mg/kg	0.851	0.148	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.250	J	mg/kg	0.426	0.028	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.851	0.083	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Calcium, Total	10100		mg/kg	8.51	2.98	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Chromium, Total	22.4		mg/kg	0.851	0.082	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.7		mg/kg	1.70	0.141	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Copper, Total	18.5		mg/kg	0.851	0.220	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Iron, Total	21600		mg/kg	4.26	0.769	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Lead, Total	5.40		mg/kg	4.26	0.228	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Magnesium, Total	8660		mg/kg	8.51	1.31	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Manganese, Total	304		mg/kg	0.851	0.135	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.069	0.045	1	09/13/23 22:45	09/16/23 15:24	EPA 7471B	1,7471B	GMG
Nickel, Total	24.2		mg/kg	2.13	0.206	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Potassium, Total	6150		mg/kg	213	12.2	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.70	0.220	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.426	0.241	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Sodium, Total	120	J	mg/kg	170	2.68	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Thallium, Total	1.56	J	mg/kg	1.70	0.268	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Vanadium, Total	30.7		mg/kg	0.851	0.173	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB
Zinc, Total	58.9		mg/kg	4.26	0.249	2	09/13/23 21:10	09/14/23 09:26	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-08

Date Collected: 09/12/23 14:20

Client ID: RI-SB-15 (3.5-4)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.39	2.26	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Antimony, Total	0.934	J	mg/kg	4.19	0.319	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.91		mg/kg	0.839	0.174	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Barium, Total	150		mg/kg	0.839	0.146	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.164	J	mg/kg	0.419	0.028	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.839	0.082	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Calcium, Total	7810		mg/kg	8.39	2.94	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Chromium, Total	23.1		mg/kg	0.839	0.081	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.2		mg/kg	1.68	0.139	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Copper, Total	19.4		mg/kg	0.839	0.216	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Iron, Total	22300		mg/kg	4.19	0.757	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Lead, Total	5.92		mg/kg	4.19	0.225	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Magnesium, Total	8200		mg/kg	8.39	1.29	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Manganese, Total	244		mg/kg	0.839	0.133	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.069	0.045	1	09/13/23 22:45	09/16/23 15:28	EPA 7471B	1,7471B	GMG
Nickel, Total	20.2		mg/kg	2.10	0.203	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Potassium, Total	6270		mg/kg	210	12.1	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.68	0.216	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.419	0.237	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Sodium, Total	119	J	mg/kg	168	2.64	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Thallium, Total	1.54	J	mg/kg	1.68	0.264	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Vanadium, Total	31.5		mg/kg	0.839	0.170	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB
Zinc, Total	57.1		mg/kg	4.19	0.246	2	09/13/23 21:10	09/14/23 09:31	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-09

Date Collected: 09/12/23 14:30

Client ID: RI-SB-15 (7.5-8)

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	8.74	2.36	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Antimony, Total	0.668	J	mg/kg	4.37	0.332	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.32		mg/kg	0.874	0.182	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Barium, Total	122		mg/kg	0.874	0.152	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.178	J	mg/kg	0.437	0.029	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.874	0.086	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Calcium, Total	4600		mg/kg	8.74	3.06	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Chromium, Total	22.0		mg/kg	0.874	0.084	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.82		mg/kg	1.75	0.145	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Copper, Total	17.6		mg/kg	0.874	0.226	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Iron, Total	20600		mg/kg	4.37	0.790	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Lead, Total	12.3		mg/kg	4.37	0.234	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Magnesium, Total	6260		mg/kg	8.74	1.35	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Manganese, Total	289		mg/kg	0.874	0.139	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/13/23 22:45	09/16/23 15:31	EPA 7471B	1,7471B	GMG
Nickel, Total	18.7		mg/kg	2.19	0.212	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Potassium, Total	5300		mg/kg	219	12.6	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.75	0.226	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.437	0.247	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Sodium, Total	121	J	mg/kg	175	2.75	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Thallium, Total	1.28	J	mg/kg	1.75	0.275	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Vanadium, Total	30.3		mg/kg	0.874	0.178	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB
Zinc, Total	57.7		mg/kg	4.37	0.256	2	09/13/23 21:10	09/14/23 09:36	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353059-10

Date Collected: 09/12/23 00:00

Client ID: DUP-20230912

Date Received: 09/12/23

Sample Location: 136-140 OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	8.69	2.35	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Antimony, Total	0.924	J	mg/kg	4.35	0.330	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.14		mg/kg	0.869	0.181	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Barium, Total	121		mg/kg	0.869	0.151	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.162	J	mg/kg	0.435	0.029	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.869	0.085	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Calcium, Total	2580		mg/kg	8.69	3.04	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Chromium, Total	19.8		mg/kg	0.869	0.083	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.94		mg/kg	1.74	0.144	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Copper, Total	15.0		mg/kg	0.869	0.224	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Iron, Total	19400		mg/kg	4.35	0.785	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Lead, Total	6.22		mg/kg	4.35	0.233	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Magnesium, Total	5340		mg/kg	8.69	1.34	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Manganese, Total	280		mg/kg	0.869	0.138	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.076	0.049	1	09/13/23 22:45	09/16/23 15:34	EPA 7471B	1,7471B	GMG
Nickel, Total	18.6		mg/kg	2.17	0.210	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Potassium, Total	4700		mg/kg	217	12.5	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.74	0.224	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.435	0.246	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Sodium, Total	104	J	mg/kg	174	2.74	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Thallium, Total	1.09	J	mg/kg	1.74	0.274	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.1		mg/kg	0.869	0.176	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB
Zinc, Total	51.0		mg/kg	4.35	0.255	2	09/13/23 21:10	09/14/23 09:41	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1826945-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Sodium, Total	6.87	J	mg/kg	80.0	1.26	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1826948-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/13/23 22:45	09/16/23 14:41	1,7471B	GMG



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1826945-2 SRM Lot Number: D119-540								
Aluminum, Total	77		-		48-152	-		
Antimony, Total	126		-		10-190	-		
Arsenic, Total	103		-		83-117	-		
Barium, Total	100		-		82-118	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	94		-		82-117	-		
Calcium, Total	96		-		81-118	-		
Chromium, Total	107		-		82-119	-		
Cobalt, Total	105		-		83-117	-		
Copper, Total	100		-		84-116	-		
Iron, Total	100		-		60-140	-		
Lead, Total	102		-		82-118	-		
Magnesium, Total	93		-		76-124	-		
Manganese, Total	96		-		82-118	-		
Nickel, Total	104		-		82-117	-		
Potassium, Total	91		-		70-130	-		
Selenium, Total	105		-		79-121	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	100		-		74-126	-		
Thallium, Total	106		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1826945-2 SRM Lot Number: D119-540					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1826948-2 SRM Lot Number: D119-540					
Mercury, Total	100	-	73-127	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1826945-3 QC Sample: L2353001-01 Client ID: MS Sample												
Aluminum, Total	2100	173	4200	1210	Q	-	-		75-125	-		20
Antimony, Total	ND	43.3	41.3	95		-	-		75-125	-		20
Arsenic, Total	0.942	10.4	11.8	104		-	-		75-125	-		20
Barium, Total	21.1	173	188	96		-	-		75-125	-		20
Beryllium, Total	ND	4.33	4.26	98		-	-		75-125	-		20
Cadmium, Total	0.111J	4.59	4.65	101		-	-		75-125	-		20
Calcium, Total	1360	866	3500	247	Q	-	-		75-125	-		20
Chromium, Total	8.26	17.3	74.6	383	Q	-	-		75-125	-		20
Cobalt, Total	11.0	43.3	60.4	114		-	-		75-125	-		20
Copper, Total	12.0	21.6	37.6	118		-	-		75-125	-		20
Iron, Total	6560	86.6	7390	959	Q	-	-		75-125	-		20
Lead, Total	2800	45.9	2490	0	Q	-	-		75-125	-		20
Magnesium, Total	724	866	1660	108		-	-		75-125	-		20
Manganese, Total	43.7	43.3	92.5	113		-	-		75-125	-		20
Nickel, Total	3.00	43.3	44.7	96		-	-		75-125	-		20
Potassium, Total	99.3J	866	986	114		-	-		75-125	-		20
Selenium, Total	ND	10.4	11.0	106		-	-		75-125	-		20
Silver, Total	ND	4.33	4.39	101		-	-		75-125	-		20
Sodium, Total	57.0J	866	947	109		-	-		75-125	-		20
Thallium, Total	0.278J	10.4	9.67	93		-	-		75-125	-		20
Vanadium, Total	12.9	43.3	57.9	104		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1826945-3 QC Sample: L2353001-01 Client ID: MS Sample									
Zinc, Total	24.8	43.3	143	273	Q	-	-	75-125	- 20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1826948-3 QC Sample: L2353059-01 Client ID: RI-SB-13 (3-3.5)									
Mercury, Total	0.095	1.39	1.63	110	-	-	80-120	-	20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2353059
Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1826945-4 QC Sample: L2353001-01 Client ID: DUP Sample						
Lead, Total	2800	2440	mg/kg	14		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1826948-4 QC Sample: L2353059-01 Client ID: RI-SB-13 (3-3.5)						
Mercury, Total	0.095	ND	mg/kg	NC		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-01
Client ID: RI-SB-13 (3-3.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 09:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:37	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-02
Client ID: RI-SB-13 (7-7.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:38	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-03
Client ID: RI-SB-13 (13-13.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:39	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-04
Client ID: RI-SB-13 (17-17.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:40	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-05
Client ID: RI-SB-13 (24.5-25)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 10:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:41	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-06
Client ID: RI-SB-14 (2-2.5)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	0.23	J	mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:42	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-07
Client ID: RI-SB-14 (8.5-9)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 12:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/14/23 03:15	09/14/23 16:51	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-08
Client ID: RI-SB-15 (3.5-4)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:20
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:54	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-09
Client ID: RI-SB-15 (7.5-8)
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 14:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/14/23 03:15	09/14/23 16:55	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353059-10
Client ID: DUP-20230912
Sample Location: 136-140 OSSINING NY

Date Collected: 09/12/23 00:00
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	09/13/23 12:10	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:56	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353059

Project Number: 12060 / PHASE 7

Report Date: 09/21/23

Method Blank Analysis

Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1827243-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	09/14/23 03:15	09/14/23 16:12	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 07-10 Batch: WG1827245-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	09/14/23 03:15	09/14/23 16:44	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 7**Lab Number:** L2353059**Report Date:** 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1827243-2 WG1827243-3								
Cyanide, Total	121	Q	122	Q	80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 07-10 Batch: WG1827245-2 WG1827245-3								
Cyanide, Total	92		114		80-120	19		35

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1827243-4 WG1827243-5 QC Sample: L2352908-03 Client ID: MS Sample												
Cyanide, Total	0.32J	11	14	120		15	130	Q	75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 07-10 QC Batch ID: WG1827245-4 WG1827245-5 QC Sample: L2353059-07 Client ID: RI-SB-14 (8.5-9)												
Cyanide, Total	ND	10	13	130	Q	15	140	Q	75-125	7		35

Project Name: SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 7**Lab Duplicate Analysis***Batch Quality Control***Lab Number:** L2353059**Report Date:** 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1827012-1 QC Sample: L2351424-07 Client ID: DUP Sample						
Solids, Total	88.7	89.3	%	1		20

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal

A	Absent

B	Absent

C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353059-01A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-01B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-01C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2353059-01E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-01F	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-01G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-01H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-01X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-01Y	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-01Z	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-02A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-02B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-02C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2353059-02E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353059-02F	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-02G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-02H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-02X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-02Y	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-02Z	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-03A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-03B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-03C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2353059-03E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-03F	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-03G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-03H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-03X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-03Y	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-03Z	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-04A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-04B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-04C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2353059-04E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-04F	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09212319:06
Lab Number: L2353059
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353059-04G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-04H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-04X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-04Y	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-04Z	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-05A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-05B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-05C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),ZN-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180)
L2353059-05E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-05F	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-05G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-05H	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-05X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2353059-05Y	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-05Z	Vial Water preserved split	A	NA		3.5	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-06A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-06B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-06C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-06D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2353059-06E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353059-06F	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353059-06G	Plastic 8oz unpreserved	C	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(90)

*Values in parentheses indicate holding time in days

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09212319:06
Lab Number: L2353059
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353059-06H	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-06X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-06Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-06Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-07A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-07B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-07C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-07D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CD-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180)
L2353059-07E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353059-07F	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353059-07G	Plastic 8oz unpreserved	C	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-07H	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-07X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-07Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-07Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-08A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-08B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-08C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-08D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),CA-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180)
L2353059-08E	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353059-08F	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-08G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)

*Values in parentheses indicate holding time in days

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09212319:06
Lab Number: L2353059
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353059-08H	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-08J	Glass 120ml/4oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-08X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-08Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-08Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-09A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-09B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-09C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-09D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),SE-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180)
L2353059-09E	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353059-09F	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2353059-09G	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-09H	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-09X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-09Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-09Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-10A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-10B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-10C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-10D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2353059-10E	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353059-10F	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353059**Project Number:** 12060 / PHASE 7**Report Date:** 09/21/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353059-10G	Plastic 8oz unpreserved	B	NA		3.4	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353059-10H	Glass 250ml/8oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353059-10X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353059-10Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-10Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:39	NYTCL-8260HLW(14)
L2353059-11A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2353059-11B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09212319:06
Lab Number: L2353059
Report Date: 09/21/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09212319:06
Lab Number: L2353059
Report Date: 09/21/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353059
Report Date: 09/21/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

Page 1 of 1

Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 9/13/23		ALPHA Job # L2353059			
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Sun Valley Nursery Filing Station</u> Project Location: <u>136-140 Ossining NY</u> Project # <u>120601 phase 7</u> (Use Project name as Project #) ☐ Project Manager: <u>James Vander Vliet</u> ALPHAQuote #: _____ Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: _____ # of Days: _____		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☒ EQuIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO # _____			
Client Information Client: <u>SSI Consulting Engineers</u> Address: <u>959 Lt 461 Suite</u> <u>Parsippany, NJ</u> Phone: <u>973 808 7050</u> Fax: _____ Email: <u>monica.norior@ssi-cs</u>		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____							
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: _____ Please specify Metals or TAL. <u>TAL</u>		ANALYSIS TAL (30) TAL PFAS (method 537) 1,4-Dioxane		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)							
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Sample Specific Comments	
53059-01		R1-SB-13(3-3.5)		9/12/23 9:30		SO		RR		X X X	
02		R1-SB-13(7-7.5)		10:00						X X X	
03		R1-SB-13(13-13.5)		10:15						X X X	
04		R1-SB-13(17-17.5)		10:30						X X X	
05		R1-SB-13(24.5-25)		10:45						X X X	
06		R1-SB-14(2-2.5)		12:15						X X X	
07		R1-SB-14(8.5-9)		12:00						X X X	
08		R1-SB-15(3.5-4)		14:20						X X X	
09		R1-SB-15(7.5-8)		14:30						X X X	
10		DUP-20230912								X X X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type E/P/P/A		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 15:55</u>		Received By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 15:55</u>		Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 15:55</u>	
Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>		Received By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>		Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>	
Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>		Received By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>		Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>	
Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>		Received By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>		Relinquished By: <u>Monica Norior</u>		Date/Time: <u>9/12/23 17:25</u>	

		NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 2 of 2		Date Rec'd in Lab 9/13/23		ALPHA Job # L2353059	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: Sun Valley Fiberglass Station Project Location: Ossining, NY Project # 12000/Phase 7 (Use Project name as Project #) ☐ Project Manager: James Vander Vliet ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #			
Client Information Client: SEI CONSULTING Address: 759 Rt 46 Passipaug NY Phone: Fax: Email: marica.nothe@sei.com		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:							
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS TCL+15 VOCs		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below) Sample Specific Comments							
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Total Bottles	
53059- 11		TB-20230912		9/12/23		AQ		—		2	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		V B		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time					
[Signature]		9/12/23 @ 1555		[Signature]		9/12/23 1555					
[Signature]		9/12/23 1725		[Signature]		9/12/23 18:50					
[Signature]		9/12/23		[Signature]		9/12/23 2000					
[Signature]		9/12/23		[Signature]		9/12/23 0000					
Form No: 01-25 HC (rev. 30-Sept-2013)											



ANALYTICAL REPORT

Lab Number:	L2353482
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY FILLING STA
Project Number:	12060 / PHASE 7
Report Date:	09/25/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353482-01	RI-SB-16 (2-2.5)	SOIL	OSSINING, NY	09/13/23 09:30	09/13/23
L2353482-02	RI-SB-16 (6.5-7)	SOIL	OSSINING, NY	09/13/23 09:45	09/13/23
L2353482-03	RI-SB-17 (4.5-5)	SOIL	OSSINING, NY	09/13/23 11:40	09/13/23
L2353482-04	RI-SB-18 (3-3.5)	SOIL	OSSINING, NY	09/13/23 12:40	09/13/23
L2353482-05	RI-SB-18 (7.5-8)	SOIL	OSSINING, NY	09/13/23 12:50	09/13/23
L2353482-06	RI-SB-12 (2-2.5)	SOIL	OSSINING, NY	09/13/23 13:30	09/13/23
L2353482-07	RI-SB-12 (8-8.5)	SOIL	OSSINING, NY	09/13/23 14:00	09/13/23
L2353482-08	RI-SB-12 (12.5-13)	SOIL	OSSINING, NY	09/13/23 14:15	09/13/23
L2353482-09	RI-SB-06 (1-1.5)	SOIL	OSSINING, NY	09/13/23 15:00	09/13/23
L2353482-10	RI-SB-06 (7-7.5)	SOIL	OSSINING, NY	09/13/23 15:15	09/13/23
L2353482-11	RI-SB-06 (14.5-15)	SOIL	OSSINING, NY	09/13/23 15:30	09/13/23
L2353482-12	TB-20230913	WATER	OSSINING, NY	09/13/23 00:00	09/13/23

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Case Narrative (continued)

Report Submission

September 25, 2023: This final report includes the results of all requested analyses.

September 20, 2023: This is a preliminary report.

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

Perfluorinated Alkyl Acids by Isotope Dilution

L2353482-01 through, -05, -10, -11, and WG1829855-1/-3/-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2353482-01, -03, -05, -07, -08, and -11: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

The WG1829855-2 LCS recovery, associated with L2353482-01 through -11, is above the acceptance criteria for and perfluorononanesulfonic acid (pfns) (129%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1829855-3 MS recoveries, performed on L2353482-01, are outside the acceptance criteria for perfluorononanesulfonic acid (pfns) (127%), and perfluorotetradecanoic acid (pfta) (136%).

Semivolatile Organics

WG1827743: An MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Total Metals

L2353482-01 through -11: The sample has elevated detection limits for all elements, with the exception of

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Case Narrative (continued)

mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1827407-2 LCS recovery for cyanide, total (147%), associated with L2353482-01 through -04, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1828806-2/-3 LCS/LCSD recoveries, associated with L2353482-05 through -11, are above the acceptance criteria for cyanide, total (153%/122%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1827407-4/-5 MS/MSD recoveries, performed on L2353482-01, are outside the acceptance criteria for cyanide, total (150%/190%).

The WG1828806-4/-5 MS/MSD recoveries, performed on L2353482-05, are outside the acceptance criteria for cyanide, total (150%/190%).

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

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 09/25/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 12:09
Analyst: LAC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 12:40
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.77	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 13:10
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.28	1
Xylenes, Total	ND		ug/kg	0.94	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.6	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 13:41
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 14:11
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 14:42
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 15:12
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 15:43
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	3.2	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	105		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 16:13
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.27	1
Xylenes, Total	ND		ug/kg	0.91	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	20		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	3.2	J	ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	1.92	J	ug/kg	1
Unknown Alkane	1.92	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 16:44
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	28		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	5.4	J	ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	0.39	J	ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.65	J	ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	0.34	J	ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	0.38	J	ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	1.8	J	ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	3.15	J	ug/kg	1
Unknown Aromatic	3.15	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 17:14
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-12
Client ID: TB-20230913
Sample Location: OSSINING, NY

Date Collected: 09/13/23 00:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/15/23 07:30
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-12
 Client ID: TB-20230913
 Sample Location: OSSINING, NY

Date Collected: 09/13/23 00:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-12
Client ID: TB-20230913
Sample Location: OSSINING, NY

Date Collected: 09/13/23 00:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 07:08
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1828105-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 07:08
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1828105-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 07:08
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1828105-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/23 07:08
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1828105-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 11:39
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1828628-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 11:39
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1828628-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 11:39
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1828628-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/23 11:39
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1828628-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828105-3 WG1828105-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	97		110		63-132	13		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	120		140		62-150	15		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	110		120		70-130	9		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	91		98		54-136	7		20
1,1,2,2-Tetrachloroethane	110		130		67-130	17		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	98		100		64-130	2		20
Bromomethane	81		92		39-139	13		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353482

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828105-3 WG1828105-4								
Vinyl chloride	120		130		55-140	8		20
Chloroethane	110		130		55-138	17		20
1,1-Dichloroethene	100		120		61-145	18		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	98		110		70-130	12		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	110		120		63-130	9		20
p/m-Xylene	100		110		70-130	10		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		120		70-130	18		20
Dibromomethane	100		120		70-130	18		20
1,2,3-Trichloropropane	100		120		64-130	18		20
Acrylonitrile	110		130		70-130	17		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	100		120		36-147	18		20
Acetone	110		130		58-148	17		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	110		130		63-138	17		20
Vinyl acetate	140	Q	150	Q	70-130	7		20
4-Methyl-2-pentanone	100		120		59-130	18		20
2-Hexanone	100		120		57-130	18		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353482

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828105-3 WG1828105-4								
Bromochloromethane	100		120		70-130	18		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	110		120		70-130	9		20
1,3-Dichloropropane	110		120		70-130	9		20
1,1,1,2-Tetrachloroethane	100		110		64-130	10		20
Bromobenzene	110		110		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	120		130		70-130	8		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	96		120		41-144	22	Q	20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		120		70-130	18		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	100		120		70-130	18		20
n-Propylbenzene	110		120		69-130	9		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	110		120		70-130	9		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	112		128		56-162	13		20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828105-3 WG1828105-4								
p-Ethyltoluene	110		120		70-130	9		20
1,2,4,5-Tetramethylbenzene	100		110		70-130	10		20
Ethyl ether	120		140	Q	59-134	15		20
trans-1,4-Dichloro-2-butene	100		120		70-130	18		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	97		101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1828628-3 WG1828628-4								
Methylene chloride	55	Q	53	Q	70-130	4		30
1,1-Dichloroethane	86		87		70-130	1		30
Chloroform	87		85		70-130	2		30
Carbon tetrachloride	90		88		70-130	2		30
1,2-Dichloropropane	95		92		70-130	3		30
Dibromochloromethane	114		111		70-130	3		30
1,1,2-Trichloroethane	103		99		70-130	4		30
Tetrachloroethene	85		83		70-130	2		30
Chlorobenzene	96		93		70-130	3		30
Trichlorofluoromethane	81		79		70-139	3		30
1,2-Dichloroethane	95		92		70-130	3		30
1,1,1-Trichloroethane	87		85		70-130	2		30
Bromodichloromethane	96		94		70-130	2		30
trans-1,3-Dichloropropene	107		104		70-130	3		30
cis-1,3-Dichloropropene	98		94		70-130	4		30
1,1-Dichloropropene	74		71		70-130	4		30
Bromoform	115		115		70-130	0		30
1,1,2,2-Tetrachloroethane	100		96		70-130	4		30
Benzene	88		85		70-130	3		30
Toluene	93		90		70-130	3		30
Ethylbenzene	91		88		70-130	3		30
Chloromethane	83		81		52-130	2		30
Bromomethane	66		64		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1828628-3 WG1828628-4								
Vinyl chloride	71		68		67-130	4		30
Chloroethane	72		69		50-151	4		30
1,1-Dichloroethene	68		65		65-135	5		30
trans-1,2-Dichloroethene	62	Q	60	Q	70-130	3		30
Trichloroethene	90		90		70-130	0		30
1,2-Dichlorobenzene	99		96		70-130	3		30
1,3-Dichlorobenzene	97		94		70-130	3		30
1,4-Dichlorobenzene	98		95		70-130	3		30
Methyl tert butyl ether	71		69		66-130	3		30
p/m-Xylene	94		91		70-130	3		30
o-Xylene	97		94		70-130	3		30
cis-1,2-Dichloroethene	85		83		70-130	2		30
Dibromomethane	94		90		70-130	4		30
Styrene	98		94		70-130	4		30
Dichlorodifluoromethane	71		69		30-146	3		30
Acetone	71		68		54-140	4		30
Carbon disulfide	64		62		59-130	3		30
2-Butanone	101		102		70-130	1		30
Vinyl acetate	106		90		70-130	16		30
4-Methyl-2-pentanone	112		108		70-130	4		30
1,2,3-Trichloropropane	98		98		68-130	0		30
2-Hexanone	113		108		70-130	5		30
Bromochloromethane	93		91		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1828628-3 WG1828628-4								
2,2-Dichloropropane	90		87		70-130	3		30
1,2-Dibromoethane	104		101		70-130	3		30
1,3-Dichloropropane	100		96		69-130	4		30
1,1,1,2-Tetrachloroethane	112		109		70-130	3		30
Bromobenzene	95		96		70-130	1		30
n-Butylbenzene	92		90		70-130	2		30
sec-Butylbenzene	90		88		70-130	2		30
tert-Butylbenzene	90		89		70-130	1		30
o-Chlorotoluene	90		89		70-130	1		30
p-Chlorotoluene	93		92		70-130	1		30
1,2-Dibromo-3-chloropropane	105		101		68-130	4		30
Hexachlorobutadiene	92		90		67-130	2		30
Isopropylbenzene	88		89		70-130	1		30
p-Isopropyltoluene	92		90		70-130	2		30
Naphthalene	100		96		70-130	4		30
Acrylonitrile	96		99		70-130	3		30
n-Propylbenzene	90		90		70-130	0		30
1,2,3-Trichlorobenzene	102		99		70-130	3		30
1,2,4-Trichlorobenzene	101		98		70-130	3		30
1,3,5-Trimethylbenzene	93		92		70-130	1		30
1,2,4-Trimethylbenzene	93		92		70-130	1		30
1,4-Dioxane	92		83		65-136	10		30
p-Diethylbenzene	93		91		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1828628-3 WG1828628-4								
p-Ethyltoluene	91		91		70-130	0		30
1,2,4,5-Tetramethylbenzene	96		93		70-130	3		30
Ethyl ether	71		68		67-130	4		30
trans-1,4-Dichloro-2-butene	108		98		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	91		92		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 07:32
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	72		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 13:18
Analyst: AC
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.550	0.108	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			23		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 19:44
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.550	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.550	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.550	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.550	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.550	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.550	0.316	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.550	0.222	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.550	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.550	0.168	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.550	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.550	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.550	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.550	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.275	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	36		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 13:20
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-02
 Client ID: RI-SB-16 (6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	50		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 20:17
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.545	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.545	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.272	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.545	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.272	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.272	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.272	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.545	0.196	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.545	0.149	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.272	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.272	0.142	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.272	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.545	0.313	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.545	0.219	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.545	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.545	0.167	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.545	0.107	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.545	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.545	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.545	0.223	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.545	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.272	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro[13C4]Butanoic Acid (MPFBA)	77				61-135	
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	59				58-150	
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99				74-139	
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97				66-128	
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88				71-129	
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84				78-139	
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74			Q	75-130	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71				20-154	
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	61			Q	72-140	
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70			Q	79-136	
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68			Q	75-130	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	64				19-175	
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50				31-134	
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84				61-155	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	97				10-117	
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42				34-137	
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	68				54-150	
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	22			Q	24-159	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 00:42
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 11:05
Analyst: AC
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.537	0.105	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			16		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 20:50
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.537	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.537	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.268	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.537	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.268	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.268	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.268	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.537	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.537	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.268	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.268	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.268	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.537	0.308	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.537	0.216	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.537	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.537	0.164	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.537	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.537	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.537	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.537	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.268	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	70		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	54	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	66	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	64		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	58	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	67	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	60		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	44		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	25		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 06:44
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 21:07
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.541	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.541	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.541	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.541	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.541	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.141	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.541	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.541	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.541	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.541	0.165	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.541	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.541	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.541	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.541	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.541	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-04
 Client ID: RI-SB-18 (3-3.5)
 Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	76		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	79		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	72		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	34		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 13:03
Analyst: CMM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	39		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	46		10-136
4-Terphenyl-d14	40		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 11:11
Analyst: AC
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.533	0.104	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			21		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 21:23
Analyst: SG
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.533	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.533	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.533	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.533	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.533	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.533	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.533	0.215	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.533	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.533	0.163	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.533	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.533	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.533	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.533	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.266	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	67	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	75	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	78		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	61		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 06:20
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	30	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	62	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	20	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	81	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	70	J	ug/kg	140	25.	1
Pyrene	25	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	75		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 21:40
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.540	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.540	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.540	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.540	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.540	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.540	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.540	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.540	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.540	0.165	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.540	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.540	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.540	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.540	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.540	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	71		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	122		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	86		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	93		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	110		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	89		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	50		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 01:54
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 11:17
Analyst: AC
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.550	0.108	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			13		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 21:56
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.550	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.550	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.550	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.550	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.550	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.550	0.316	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.550	0.222	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.550	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.550	0.168	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.550	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.550	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.550	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.550	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.275	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	67		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	113		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	85		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	109		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	90		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	52		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 01:06
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-08
 Client ID: RI-SB-12 (12.5-13)
 Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	88		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 11:23
Analyst: AC
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.549	0.108	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			27		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 22:13
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.549	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.549	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.549	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.549	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.549	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.549	0.315	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.549	0.221	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.549	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.549	0.168	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.549	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.549	0.077	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.549	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.549	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.275	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	66		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	111		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	83		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	85		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	106		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	83		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	55		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 01:30
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	87	J	ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	68		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 22:30
Analyst: SG
Percent Solids: 94%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.532	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.532	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.532	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.532	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.532	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.532	0.305	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.532	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.532	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.532	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.532	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.532	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.532	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.532	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.532	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.266	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	70		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	117		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	119		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	87		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	87		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	109		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	111		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	51		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:47
Analyst: CMM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-10
 Client ID: RI-SB-06 (7-7.5)
 Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	41	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	44		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 13:21
Analyst: SG
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.534	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.534	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.267	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.534	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.267	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.267	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.267	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.534	0.192	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.534	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.267	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.267	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.267	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.534	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.534	0.215	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.534	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.534	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.534	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.534	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.534	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.534	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.534	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.267	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	72		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	73	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	49		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	39		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	69		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	83		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	31	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	33		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 00:18
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	86		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 13:38
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.539	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.539	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.539	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.539	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.539	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.539	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.539	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.539	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.539	0.165	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.539	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.539	0.076	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.539	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.539	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	63		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	69	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	70	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	49		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	37		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	35		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	41		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/25/23 09:58
Analyst: AC
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.539	0.106	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			10		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/15/23 23:06
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1827743-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/15/23 23:06
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1827743-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/15/23 23:06
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/15/23 00:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1827743-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	94		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 10:46
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1829855-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	107		10-117

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 19:11
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1829855-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 19:11
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-11 Batch: WG1829855-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	129	Q	66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	112		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	101		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	117		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	119		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	119		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1827743-2 WG1827743-3								
Acenaphthene	70		77		31-137	10		50
1,2,4-Trichlorobenzene	69		73		38-107	6		50
Hexachlorobenzene	77		84		40-140	9		50
Bis(2-chloroethyl)ether	63		67		40-140	6		50
2-Chloronaphthalene	75		81		40-140	8		50
1,2-Dichlorobenzene	65		69		40-140	6		50
1,3-Dichlorobenzene	66		69		40-140	4		50
1,4-Dichlorobenzene	65		68		28-104	5		50
3,3'-Dichlorobenzidine	68		75		40-140	10		50
2,4-Dinitrotoluene	87		98		40-132	12		50
2,6-Dinitrotoluene	84		93		40-140	10		50
Fluoranthene	75		83		40-140	10		50
4-Chlorophenyl phenyl ether	75		83		40-140	10		50
4-Bromophenyl phenyl ether	76		83		40-140	9		50
Bis(2-chloroisopropyl)ether	65		69		40-140	6		50
Bis(2-chloroethoxy)methane	65		68		40-117	5		50
Hexachlorobutadiene	76		81		40-140	6		50
Hexachlorocyclopentadiene	68		70		40-140	3		50
Hexachloroethane	65		67		40-140	3		50
Isophorone	64		69		40-140	8		50
Naphthalene	69		73		40-140	6		50
Nitrobenzene	68		73		40-140	7		50
NDPA/DPA	76		84		36-157	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2353482

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1827743-2 WG1827743-3								
n-Nitrosodi-n-propylamine	66		71		32-121	7		50
Bis(2-ethylhexyl)phthalate	85		93		40-140	9		50
Butyl benzyl phthalate	83		91		40-140	9		50
Di-n-butylphthalate	76		83		40-140	9		50
Di-n-octylphthalate	87		96		40-140	10		50
Diethyl phthalate	76		84		40-140	10		50
Dimethyl phthalate	75		83		40-140	10		50
Benzo(a)anthracene	79		86		40-140	8		50
Benzo(a)pyrene	87		96		40-140	10		50
Benzo(b)fluoranthene	80		89		40-140	11		50
Benzo(k)fluoranthene	79		86		40-140	8		50
Chrysene	79		87		40-140	10		50
Acenaphthylene	72		79		40-140	9		50
Anthracene	76		82		40-140	8		50
Benzo(ghi)perylene	77		84		40-140	9		50
Fluorene	75		82		40-140	9		50
Phenanthrene	74		81		40-140	9		50
Dibenzo(a,h)anthracene	78		87		40-140	11		50
Indeno(1,2,3-cd)pyrene	86		94		40-140	9		50
Pyrene	74		82		35-142	10		50
Biphenyl	78		84		37-127	7		50
4-Chloroaniline	67		70		40-140	4		50
2-Nitroaniline	88		97		47-134	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353482

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1827743-2 WG1827743-3								
3-Nitroaniline	75		81		26-129	8		50
4-Nitroaniline	79		91		41-125	14		50
Dibenzofuran	73		80		40-140	9		50
2-Methylnaphthalene	73		79		40-140	8		50
1,2,4,5-Tetrachlorobenzene	78		84		40-117	7		50
Acetophenone	71		74		14-144	4		50
2,4,6-Trichlorophenol	84		92		30-130	9		50
p-Chloro-m-cresol	78		86		26-103	10		50
2-Chlorophenol	70		74		25-102	6		50
2,4-Dichlorophenol	74		80		30-130	8		50
2,4-Dimethylphenol	62		66		30-130	6		50
2-Nitrophenol	84		89		30-130	6		50
4-Nitrophenol	95		109		11-114	14		50
2,4-Dinitrophenol	88		103		4-130	16		50
4,6-Dinitro-o-cresol	96		109		10-130	13		50
Pentachlorophenol	95		103		17-109	8		50
Phenol	70		74		26-90	6		50
2-Methylphenol	68		71		30-130.	4		50
3-Methylphenol/4-Methylphenol	72		77		30-130	7		50
2,4,5-Trichlorophenol	83		91		30-130	9		50
Benzoic Acid	64		61		10-110	5		50
Benzyl Alcohol	71		75		40-140	5		50
Carbazole	74		81		54-128	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1827743-2 WG1827743-3								
1,4-Dioxane	54		56		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		76		25-120
Phenol-d6	71		75		10-120
Nitrobenzene-d5	72		76		23-120
2-Fluorobiphenyl	73		79		30-120
2,4,6-Tribromophenol	90		99		10-136
4-Terphenyl-d14	75		82		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 Batch: WG1829855-2								
Perfluorobutanoic Acid (PFBA)	115		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	115		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	129		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	121		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	122		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	116		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	124		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	116		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	125		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	127		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 Batch: WG1829855-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	125				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	115				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	102				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	109				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 Batch: WG1829855-2								
Perfluorooctanesulfonamide (FOSA)	99		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	98				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2353482

Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1829855-3 QC Sample: L2353482-01 Client ID: RI-SB-16 (2-2.5)												
Perfluorobutanoic Acid (PFBA)	ND	5.55	6.21	112		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	ND	5.55	6.19	111		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.93	5.51	112		-	-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.55	6.08	109		-	-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.55	6.02	108		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.08	5.42	107		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	ND	5.55	6.29	113		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.29	5.42	102		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.3	6.80	128		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	ND	5.55	6.69	120		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.15	5.60	109		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.55	6.76	122		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.33	5.37	101		-	-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.55	5.99	108		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.55	5.49	99		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.36	6.15	115		-	-		59-134	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.55	7.44	134		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.55	6.18	111		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTTrDA)	ND	5.55	6.84	123		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.55	7.55	136	Q	-	-		69-133	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1829855-3 QC Sample: L2353482-01 Client ID: RI-SB-16 (2-2.5)												

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	72				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	64				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79				75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	36				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	81				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62				58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77	Q			79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81				75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	67	Q			72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				74-139

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1829855-4 QC Sample: L2353482-02 Client ID: RI-SB-16 (6.5-7)						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/g	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1829855-4 QC Sample: L2353482-02 Client ID: RI-SB-16 (6.5-7)						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		73		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	59		56	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		90		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		94		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		85		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84		77	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74	Q	71	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	61	Q	54	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70	Q	64	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68	Q	67	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	64		59		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		53		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		84		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	97		101		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		49		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	68		66		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	22	Q	28		24-159

PCBS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 19:36
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:54
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.71	1	A
Aroclor 1221	ND		ug/kg	53.0	5.32	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.15	1	A
Aroclor 1248	ND		ug/kg	53.0	7.96	1	A
Aroclor 1254	ND		ug/kg	53.0	5.80	1	A
Aroclor 1260	ND		ug/kg	53.0	9.80	1	A
Aroclor 1262	ND		ug/kg	53.0	6.74	1	A
Aroclor 1268	ND		ug/kg	53.0	5.50	1	A
PCBs, Total	ND		ug/kg	53.0	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 19:44
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:54
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.9	4.79	1	A
Aroclor 1221	ND		ug/kg	53.9	5.40	1	A
Aroclor 1232	ND		ug/kg	53.9	11.4	1	A
Aroclor 1242	ND		ug/kg	53.9	7.27	1	A
Aroclor 1248	ND		ug/kg	53.9	8.09	1	A
Aroclor 1254	ND		ug/kg	53.9	5.90	1	A
Aroclor 1260	ND		ug/kg	53.9	9.96	1	A
Aroclor 1262	ND		ug/kg	53.9	6.85	1	A
Aroclor 1268	ND		ug/kg	53.9	5.59	1	A
PCBs, Total	ND		ug/kg	53.9	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 19:52
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:54
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.7	4.86	1	A
Aroclor 1221	ND		ug/kg	54.7	5.48	1	A
Aroclor 1232	ND		ug/kg	54.7	11.6	1	A
Aroclor 1242	ND		ug/kg	54.7	7.37	1	A
Aroclor 1248	ND		ug/kg	54.7	8.21	1	A
Aroclor 1254	ND		ug/kg	54.7	5.98	1	A
Aroclor 1260	ND		ug/kg	54.7	10.1	1	A
Aroclor 1262	ND		ug/kg	54.7	6.95	1	A
Aroclor 1268	ND		ug/kg	54.7	5.67	1	A
PCBs, Total	ND		ug/kg	54.7	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 20:01
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:54
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.6	4.50	1	A
Aroclor 1221	ND		ug/kg	50.6	5.07	1	A
Aroclor 1232	ND		ug/kg	50.6	10.7	1	A
Aroclor 1242	ND		ug/kg	50.6	6.82	1	A
Aroclor 1248	ND		ug/kg	50.6	7.59	1	A
Aroclor 1254	ND		ug/kg	50.6	5.54	1	A
Aroclor 1260	ND		ug/kg	50.6	9.36	1	A
Aroclor 1262	ND		ug/kg	50.6	6.43	1	A
Aroclor 1268	ND		ug/kg	50.6	5.24	1	A
PCBs, Total	ND		ug/kg	50.6	4.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 20:09
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:56
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.2	4.72	1	A
Aroclor 1221	ND		ug/kg	53.2	5.33	1	A
Aroclor 1232	ND		ug/kg	53.2	11.3	1	A
Aroclor 1242	ND		ug/kg	53.2	7.17	1	A
Aroclor 1248	ND		ug/kg	53.2	7.98	1	A
Aroclor 1254	ND		ug/kg	53.2	5.82	1	A
Aroclor 1260	ND		ug/kg	53.2	9.83	1	A
Aroclor 1262	ND		ug/kg	53.2	6.75	1	A
Aroclor 1268	ND		ug/kg	53.2	5.51	1	A
PCBs, Total	ND		ug/kg	53.2	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 20:18
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:56
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.55	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.91	1	A
Aroclor 1248	ND		ug/kg	51.3	7.69	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.48	1	A
Aroclor 1262	ND		ug/kg	51.3	6.51	1	A
Aroclor 1268	ND		ug/kg	51.3	5.31	1	A
PCBs, Total	ND		ug/kg	51.3	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 20:26
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:56
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.7	4.77	1	A
Aroclor 1221	ND		ug/kg	53.7	5.38	1	A
Aroclor 1232	ND		ug/kg	53.7	11.4	1	A
Aroclor 1242	ND		ug/kg	53.7	7.24	1	A
Aroclor 1248	ND		ug/kg	53.7	8.06	1	A
Aroclor 1254	ND		ug/kg	53.7	5.88	1	A
Aroclor 1260	ND		ug/kg	53.7	9.93	1	A
Aroclor 1262	ND		ug/kg	53.7	6.82	1	A
Aroclor 1268	ND		ug/kg	53.7	5.57	1	A
PCBs, Total	ND		ug/kg	53.7	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 20:35
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:56
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.30	1	A
Aroclor 1248	ND		ug/kg	54.2	8.13	1	A
Aroclor 1254	ND		ug/kg	54.2	5.93	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.61	1	A
PCBs, Total	ND		ug/kg	54.2	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 21:17
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:56
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.3	4.73	1	A
Aroclor 1221	ND		ug/kg	53.3	5.34	1	A
Aroclor 1232	ND		ug/kg	53.3	11.3	1	A
Aroclor 1242	ND		ug/kg	53.3	7.19	1	A
Aroclor 1248	ND		ug/kg	53.3	8.00	1	A
Aroclor 1254	ND		ug/kg	53.3	5.83	1	A
Aroclor 1260	ND		ug/kg	53.3	9.85	1	A
Aroclor 1262	ND		ug/kg	53.3	6.77	1	A
Aroclor 1268	ND		ug/kg	53.3	5.52	1	A
PCBs, Total	ND		ug/kg	53.3	4.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 21:25
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:56
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.1	4.62	1	A
Aroclor 1221	ND		ug/kg	52.1	5.22	1	A
Aroclor 1232	ND		ug/kg	52.1	11.0	1	A
Aroclor 1242	ND		ug/kg	52.1	7.02	1	A
Aroclor 1248	ND		ug/kg	52.1	7.81	1	A
Aroclor 1254	ND		ug/kg	52.1	5.70	1	A
Aroclor 1260	ND		ug/kg	52.1	9.62	1	A
Aroclor 1262	ND		ug/kg	52.1	6.61	1	A
Aroclor 1268	ND		ug/kg	52.1	5.40	1	A
PCBs, Total	ND		ug/kg	52.1	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 21:34
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 20:56
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.5	4.75	1	A
Aroclor 1221	ND		ug/kg	53.5	5.36	1	A
Aroclor 1232	ND		ug/kg	53.5	11.3	1	A
Aroclor 1242	ND		ug/kg	53.5	7.21	1	A
Aroclor 1248	ND		ug/kg	53.5	8.02	1	A
Aroclor 1254	ND		ug/kg	53.5	5.85	1	A
Aroclor 1260	ND		ug/kg	53.5	9.88	1	A
Aroclor 1262	ND		ug/kg	53.5	6.79	1	A
Aroclor 1268	ND		ug/kg	53.5	5.54	1	A
PCBs, Total	ND		ug/kg	53.5	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/15/23 20:43
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 20:54
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/15/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-11 Batch: WG1827706-1						
Aroclor 1016	ND		ug/kg	48.4	4.30	A
Aroclor 1221	ND		ug/kg	48.4	4.85	A
Aroclor 1232	ND		ug/kg	48.4	10.3	A
Aroclor 1242	ND		ug/kg	48.4	6.53	A
Aroclor 1248	ND		ug/kg	48.4	7.27	A
Aroclor 1254	ND		ug/kg	48.4	5.30	A
Aroclor 1260	ND		ug/kg	48.4	8.95	A
Aroclor 1262	ND		ug/kg	48.4	6.15	A
Aroclor 1268	ND		ug/kg	48.4	5.02	A
PCBs, Total	ND		ug/kg	48.4	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-11 Batch: WG1827706-2 WG1827706-3									
Aroclor 1016	83		78		40-140	6		50	A
Aroclor 1260	70		67		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		75		30-150	A
Decachlorobiphenyl	73		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	B
Decachlorobiphenyl	72		72		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 09:52
Analyst: EJJ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND	IP	ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND	IP	ug/kg	2.14	0.597	1	B
trans-Chlordane	ND	IP	ug/kg	2.14	0.565	1	B
Chlordane	ND		ug/kg	14.3	5.67	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 10:03
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	0.460	JIP	ug/kg	1.67	0.430	1	B
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.975	1	A
Toxaphene	ND		ug/kg	31.3	8.77	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND	IP	ug/kg	2.09	0.551	1	B
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-02

Date Collected: 09/13/23 09:45

Client ID: RI-SB-16 (6.5-7)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 10:14
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND	IP	ug/kg	1.71	0.441	1	B
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	1.00	1	A
Toxaphene	ND		ug/kg	32.1	9.00	1	A
cis-Chlordane	ND		ug/kg	2.14	0.597	1	A
trans-Chlordane	ND	IP	ug/kg	2.14	0.565	1	B
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 10:25
Analyst: EJJ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.761	1	A
Endrin ketone	ND	IP	ug/kg	1.74	0.448	1	B
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND		ug/kg	2.18	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 10:36
Analyst: EJJ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.639	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.601	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.398	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 10:47
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.612	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 10:58
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.735	0.328	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.669	1	A
Heptachlor	ND		ug/kg	0.882	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.992	1	A
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.772	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.417	1	A
Endosulfan II	ND		ug/kg	1.76	0.590	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.26	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 11:09
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.323	1	A
Alpha-BHC	ND		ug/kg	0.724	0.205	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.977	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.619	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.344	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	ND		ug/kg	2.17	0.605	1	A
trans-Chlordane	ND		ug/kg	2.17	0.573	1	A
Chlordane	ND		ug/kg	14.5	5.75	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 12:39
Analyst: AKM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.679	0.304	1	A
Alpha-BHC	ND		ug/kg	0.679	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	ND		ug/kg	0.815	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.917	1	A
Endrin	ND		ug/kg	0.679	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.713	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.679	0.323	1	A
Methoxychlor	ND		ug/kg	3.06	0.951	1	A
Toxaphene	ND		ug/kg	30.6	8.56	1	A
cis-Chlordane	ND		ug/kg	2.04	0.568	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.6	5.40	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 11:31
Analyst: EJJ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.963	1	A
Endrin	ND		ug/kg	0.714	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.749	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	14.3	5.67	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 11:42
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 10:19
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.941	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND	IP	ug/kg	1.67	0.431	1	B
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/17/23 11:27
 Analyst: EJJ

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 10:15
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08,10-11 Batch: WG1827925-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.640	0.286	A
Alpha-BHC	ND		ug/kg	0.640	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.582	A
Heptachlor	ND		ug/kg	0.768	0.344	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.864	A
Endrin	ND		ug/kg	0.640	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.672	A
Endrin ketone	ND		ug/kg	1.54	0.395	A
Dieldrin	ND		ug/kg	0.960	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.355	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	1.54	1.23	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.513	A
Endosulfan sulfate	ND		ug/kg	0.640	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.896	A
Toxaphene	ND		ug/kg	28.8	8.06	A
cis-Chlordane	ND		ug/kg	1.92	0.535	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A
Chlordane	ND		ug/kg	12.8	5.09	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/17/23 11:27
 Analyst: EJJ

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 10:15
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08,10-11 Batch: WG1827925-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/20/23 12:06
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 12:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1829250-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.639	0.286	A
Alpha-BHC	ND		ug/kg	0.639	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.767	0.344	A
Aldrin	ND		ug/kg	1.53	0.540	A
Heptachlor epoxide	ND		ug/kg	2.88	0.863	A
Endrin	ND		ug/kg	0.639	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.671	A
Endrin ketone	ND		ug/kg	1.53	0.395	A
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDD	ND		ug/kg	1.53	0.547	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.639	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.894	A
Toxaphene	ND		ug/kg	28.8	8.05	A
cis-Chlordane	ND		ug/kg	1.92	0.534	A
trans-Chlordane	ND		ug/kg	1.92	0.506	A
Chlordane	ND		ug/kg	12.8	5.08	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/20/23 12:06
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 12:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1829250-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353482

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG1827925-2 WG1827925-3									
Delta-BHC	83		85		30-150	2		30	A
Lindane	74		78		30-150	5		30	A
Alpha-BHC	76		80		30-150	5		30	A
Beta-BHC	77		80		30-150	4		30	A
Heptachlor	70		76		30-150	8		30	A
Aldrin	71		76		30-150	7		30	A
Heptachlor epoxide	67		72		30-150	7		30	A
Endrin	71		78		30-150	9		30	A
Endrin aldehyde	53		66		30-150	22		30	A
Endrin ketone	77		85		30-150	10		30	A
Dieldrin	78		84		30-150	7		30	A
4,4'-DDE	74		80		30-150	8		30	A
4,4'-DDD	77		83		30-150	8		30	A
4,4'-DDT	74		81		30-150	9		30	A
Endosulfan I	72		77		30-150	7		30	A
Endosulfan II	73		79		30-150	8		30	A
Endosulfan sulfate	73		82		30-150	12		30	A
Methoxychlor	72		79		30-150	9		30	A
cis-Chlordane	70		74		30-150	6		30	A
trans-Chlordane	78		82		30-150	5		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG1827925-2 WG1827925-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		63		30-150	A
Decachlorobiphenyl	60		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		67		30-150	B
Decachlorobiphenyl	57		61		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1829250-2 WG1829250-3									
Delta-BHC	84		81		30-150	4		30	A
Lindane	77		74		30-150	4		30	A
Alpha-BHC	79		75		30-150	5		30	A
Beta-BHC	74		72		30-150	3		30	A
Heptachlor	76		72		30-150	5		30	A
Aldrin	76		72		30-150	5		30	A
Heptachlor epoxide	72		70		30-150	3		30	A
Endrin	80		76		30-150	5		30	A
Endrin aldehyde	62		62		30-150	0		30	A
Endrin ketone	86		83		30-150	4		30	A
Dieldrin	86		82		30-150	5		30	A
4,4'-DDE	80		75		30-150	6		30	A
4,4'-DDD	85		80		30-150	6		30	A
4,4'-DDT	86		80		30-150	7		30	A
Endosulfan I	78		74		30-150	5		30	A
Endosulfan II	82		78		30-150	5		30	A
Endosulfan sulfate	79		77		30-150	3		30	A
Methoxychlor	82		77		30-150	6		30	A
cis-Chlordane	72		69		30-150	4		30	A
trans-Chlordane	84		81		30-150	4		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1829250-2 WG1829250-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		67		30-150	A
Decachlorobiphenyl	76		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		72		30-150	B
Decachlorobiphenyl	73		71		30-150	B

METALS

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-01

Date Collected: 09/13/23 09:30

Client ID: RI-SB-16 (2-2.5)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9700		mg/kg	8.68	2.34	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.34	0.330	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.01		mg/kg	0.868	0.180	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Barium, Total	105		mg/kg	0.868	0.151	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.652		mg/kg	0.434	0.029	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.868	0.085	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Calcium, Total	8320		mg/kg	8.68	3.04	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Chromium, Total	17.2		mg/kg	0.868	0.083	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.70		mg/kg	1.74	0.144	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Copper, Total	14.1		mg/kg	0.868	0.224	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Iron, Total	16800		mg/kg	4.34	0.784	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Lead, Total	5.30		mg/kg	4.34	0.233	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Magnesium, Total	6670		mg/kg	8.68	1.34	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Manganese, Total	247		mg/kg	0.868	0.138	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/14/23 23:38	09/16/23 10:20	EPA 7471B	1,7471B	GMG
Nickel, Total	13.6		mg/kg	2.17	0.210	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Potassium, Total	4450		mg/kg	217	12.5	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.74	0.224	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.434	0.246	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Sodium, Total	106	J	mg/kg	174	2.73	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.74	0.273	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Vanadium, Total	24.1		mg/kg	0.868	0.176	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB
Zinc, Total	44.6		mg/kg	4.34	0.254	2	09/14/23 22:42	09/15/23 10:54	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-02

Date Collected: 09/13/23 09:45

Client ID: RI-SB-16 (6.5-7)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	8.59	2.32	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.29	0.326	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.528	J	mg/kg	0.859	0.179	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Barium, Total	120		mg/kg	0.859	0.149	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.708		mg/kg	0.429	0.028	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.859	0.084	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Calcium, Total	39000		mg/kg	8.59	3.00	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Chromium, Total	19.1		mg/kg	0.859	0.082	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.18		mg/kg	1.72	0.142	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Copper, Total	16.4		mg/kg	0.859	0.222	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Iron, Total	19000		mg/kg	4.29	0.775	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Lead, Total	5.37		mg/kg	4.29	0.230	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Magnesium, Total	6940		mg/kg	8.59	1.32	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Manganese, Total	285		mg/kg	0.859	0.136	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.076	0.050	1	09/14/23 23:38	09/16/23 10:23	EPA 7471B	1,7471B	GMG
Nickel, Total	15.9		mg/kg	2.15	0.208	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Potassium, Total	5400		mg/kg	215	12.4	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.429	0.243	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Sodium, Total	100	J	mg/kg	172	2.70	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Thallium, Total	0.407	J	mg/kg	1.72	0.270	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.0		mg/kg	0.859	0.174	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB
Zinc, Total	43.5		mg/kg	4.29	0.252	2	09/14/23 22:42	09/15/23 10:58	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-03

Date Collected: 09/13/23 11:40

Client ID: RI-SB-17 (4.5-5)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12700		mg/kg	8.42	2.27	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.21	0.320	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.599	J	mg/kg	0.842	0.175	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Barium, Total	149		mg/kg	0.842	0.147	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.856		mg/kg	0.421	0.028	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.842	0.083	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Calcium, Total	8980		mg/kg	8.42	2.95	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Chromium, Total	23.1		mg/kg	0.842	0.081	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.0		mg/kg	1.68	0.140	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Copper, Total	18.0		mg/kg	0.842	0.217	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Iron, Total	21400		mg/kg	4.21	0.761	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Lead, Total	4.68		mg/kg	4.21	0.226	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Magnesium, Total	7650		mg/kg	8.42	1.30	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Manganese, Total	216		mg/kg	0.842	0.134	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/14/23 23:38	09/16/23 10:33	EPA 7471B	1,7471B	GMG
Nickel, Total	17.6		mg/kg	2.11	0.204	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Potassium, Total	6710		mg/kg	211	12.1	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.68	0.217	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.421	0.238	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Sodium, Total	106	J	mg/kg	168	2.65	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Thallium, Total	0.514	J	mg/kg	1.68	0.265	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Vanadium, Total	32.7		mg/kg	0.842	0.171	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB
Zinc, Total	52.5		mg/kg	4.21	0.247	2	09/14/23 22:42	09/15/23 11:03	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-04

Date Collected: 09/13/23 12:40

Client ID: RI-SB-18 (3-3.5)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9190		mg/kg	8.50	2.30	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.25	0.323	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.98		mg/kg	0.850	0.177	2	09/14/23 22:42	09/15/23 16:08	EPA 3050B	1,6010D	CEY
Barium, Total	83.5		mg/kg	0.850	0.148	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.607		mg/kg	0.425	0.028	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.850	0.083	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Calcium, Total	7200		mg/kg	8.50	2.98	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Chromium, Total	15.4		mg/kg	0.850	0.082	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.36		mg/kg	1.70	0.141	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Copper, Total	19.6		mg/kg	0.850	0.219	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Iron, Total	18400		mg/kg	4.25	0.768	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Lead, Total	5.02		mg/kg	4.25	0.228	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Magnesium, Total	6820		mg/kg	8.50	1.31	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Manganese, Total	248		mg/kg	0.850	0.135	2	09/14/23 22:42	09/15/23 16:08	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/14/23 23:38	09/16/23 10:36	EPA 7471B	1,7471B	GMG
Nickel, Total	14.8		mg/kg	2.12	0.206	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Potassium, Total	3910		mg/kg	212	12.2	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.425	0.241	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Sodium, Total	86.1	J	mg/kg	170	2.68	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.70	0.268	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Vanadium, Total	20.7		mg/kg	0.850	0.172	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB
Zinc, Total	44.4		mg/kg	4.25	0.249	2	09/14/23 22:42	09/15/23 11:18	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-05

Date Collected: 09/13/23 12:50

Client ID: RI-SB-18 (7.5-8)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9780		mg/kg	8.56	2.31	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.28	0.325	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.61		mg/kg	0.856	0.178	2	09/14/23 22:42	09/15/23 16:13	EPA 3050B	1,6010D	CEY
Barium, Total	120		mg/kg	0.856	0.149	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.679		mg/kg	0.428	0.028	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.120	J	mg/kg	0.856	0.084	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Calcium, Total	9830		mg/kg	8.56	3.00	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Chromium, Total	17.1		mg/kg	0.856	0.082	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.37		mg/kg	1.71	0.142	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Copper, Total	17.9		mg/kg	0.856	0.221	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Iron, Total	18200		mg/kg	4.28	0.773	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Lead, Total	9.82		mg/kg	4.28	0.230	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Magnesium, Total	7860		mg/kg	8.56	1.32	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Manganese, Total	577		mg/kg	0.856	0.136	2	09/14/23 22:42	09/15/23 16:13	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.070	0.045	1	09/14/23 23:38	09/16/23 10:40	EPA 7471B	1,7471B	GMG
Nickel, Total	17.0		mg/kg	2.14	0.207	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Potassium, Total	4420		mg/kg	214	12.3	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.71	0.221	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.428	0.242	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Sodium, Total	111	J	mg/kg	171	2.70	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.71	0.270	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Vanadium, Total	23.3		mg/kg	0.856	0.174	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB
Zinc, Total	51.0		mg/kg	4.28	0.251	2	09/14/23 22:42	09/15/23 11:22	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-06

Date Collected: 09/13/23 13:30

Client ID: RI-SB-12 (2-2.5)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.65	2.33	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.32	0.328	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Arsenic, Total	3.24		mg/kg	0.865	0.180	2	09/14/23 22:42	09/15/23 16:17	EPA 3050B	1,6010D	CEY
Barium, Total	97.1		mg/kg	0.865	0.150	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.674		mg/kg	0.432	0.029	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.865	0.085	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Calcium, Total	1750		mg/kg	8.65	3.03	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Chromium, Total	20.2		mg/kg	0.865	0.083	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.71		mg/kg	1.73	0.144	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Copper, Total	16.8		mg/kg	0.865	0.223	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Iron, Total	19700		mg/kg	4.32	0.781	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Lead, Total	19.5		mg/kg	4.32	0.232	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Magnesium, Total	5050		mg/kg	8.65	1.33	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Manganese, Total	274		mg/kg	0.865	0.137	2	09/14/23 22:42	09/15/23 16:17	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/14/23 23:38	09/16/23 10:43	EPA 7471B	1,7471B	GMG
Nickel, Total	16.4		mg/kg	2.16	0.209	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Potassium, Total	4230		mg/kg	216	12.4	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.73	0.223	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.432	0.245	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Sodium, Total	259		mg/kg	173	2.72	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Thallium, Total	0.295	J	mg/kg	1.73	0.272	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Vanadium, Total	25.6		mg/kg	0.865	0.176	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB
Zinc, Total	54.0		mg/kg	4.32	0.253	2	09/14/23 22:42	09/15/23 11:27	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-07

Date Collected: 09/13/23 14:00

Client ID: RI-SB-12 (8-8.5)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11500		mg/kg	8.40	2.27	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.20	0.319	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.38		mg/kg	0.840	0.175	2	09/14/23 22:42	09/15/23 16:22	EPA 3050B	1,6010D	CEY
Barium, Total	134		mg/kg	0.840	0.146	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.768		mg/kg	0.420	0.028	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.840	0.082	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Calcium, Total	8130		mg/kg	8.40	2.94	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Chromium, Total	19.4		mg/kg	0.840	0.081	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.92		mg/kg	1.68	0.140	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Copper, Total	16.7		mg/kg	0.840	0.217	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Iron, Total	19600		mg/kg	4.20	0.759	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Lead, Total	4.16	J	mg/kg	4.20	0.225	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Magnesium, Total	7110		mg/kg	8.40	1.29	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Manganese, Total	276		mg/kg	0.840	0.134	2	09/14/23 22:42	09/15/23 16:22	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/14/23 23:38	09/16/23 10:46	EPA 7471B	1,7471B	GMG
Nickel, Total	15.0		mg/kg	2.10	0.203	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Potassium, Total	5510		mg/kg	210	12.1	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.68	0.217	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.420	0.238	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Sodium, Total	166	J	mg/kg	168	2.65	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.68	0.265	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Vanadium, Total	28.8		mg/kg	0.840	0.171	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB
Zinc, Total	45.6		mg/kg	4.20	0.246	2	09/14/23 22:42	09/15/23 11:32	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-08

Date Collected: 09/13/23 14:15

Client ID: RI-SB-12 (12.5-13)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11300		mg/kg	8.52	2.30	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.26	0.324	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.42		mg/kg	0.852	0.177	2	09/14/23 22:42	09/15/23 16:27	EPA 3050B	1,6010D	CEY
Barium, Total	126		mg/kg	0.852	0.148	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.780		mg/kg	0.426	0.028	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.852	0.084	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Calcium, Total	7760		mg/kg	8.52	2.98	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Chromium, Total	19.6		mg/kg	0.852	0.082	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.90		mg/kg	1.70	0.141	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Copper, Total	17.1		mg/kg	0.852	0.220	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Iron, Total	19900		mg/kg	4.26	0.769	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Lead, Total	4.55		mg/kg	4.26	0.228	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Magnesium, Total	6900		mg/kg	8.52	1.31	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Manganese, Total	280		mg/kg	0.852	0.135	2	09/14/23 22:42	09/15/23 16:27	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/14/23 23:38	09/16/23 10:50	EPA 7471B	1,7471B	GMG
Nickel, Total	16.0		mg/kg	2.13	0.206	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Potassium, Total	5480		mg/kg	213	12.3	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.70	0.220	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.426	0.241	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Sodium, Total	159	J	mg/kg	170	2.68	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Thallium, Total	0.387	J	mg/kg	1.70	0.268	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Vanadium, Total	27.7		mg/kg	0.852	0.173	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB
Zinc, Total	46.1		mg/kg	4.26	0.250	2	09/14/23 22:42	09/15/23 11:36	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-09

Date Collected: 09/13/23 15:00

Client ID: RI-SB-06 (1-1.5)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8980		mg/kg	8.21	2.22	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.11	0.312	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.06		mg/kg	0.821	0.171	2	09/14/23 22:42	09/15/23 16:31	EPA 3050B	1,6010D	CEY
Barium, Total	104		mg/kg	0.821	0.143	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.624		mg/kg	0.411	0.027	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.109	J	mg/kg	0.821	0.081	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Calcium, Total	2690		mg/kg	8.21	2.88	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Chromium, Total	31.5		mg/kg	0.821	0.079	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.98		mg/kg	1.64	0.136	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Copper, Total	31.2		mg/kg	0.821	0.212	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Iron, Total	16400		mg/kg	4.11	0.742	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Lead, Total	9.16		mg/kg	4.11	0.220	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Magnesium, Total	4880		mg/kg	8.21	1.26	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Manganese, Total	208		mg/kg	0.821	0.131	2	09/14/23 22:42	09/15/23 16:31	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/14/23 23:38	09/16/23 10:53	EPA 7471B	1,7471B	GMG
Nickel, Total	22.4		mg/kg	2.05	0.199	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Potassium, Total	4910		mg/kg	205	11.8	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Selenium, Total	0.215	J	mg/kg	1.64	0.212	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.411	0.232	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Sodium, Total	112	J	mg/kg	164	2.59	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Thallium, Total	0.407	J	mg/kg	1.64	0.259	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Vanadium, Total	33.1		mg/kg	0.821	0.167	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB
Zinc, Total	92.9		mg/kg	4.11	0.241	2	09/14/23 22:42	09/15/23 11:41	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-10

Date Collected: 09/13/23 15:15

Client ID: RI-SB-06 (7-7.5)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	8.25	2.23	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.12	0.314	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.18		mg/kg	0.825	0.172	2	09/14/23 22:42	09/15/23 16:36	EPA 3050B	1,6010D	CEY
Barium, Total	138		mg/kg	0.825	0.144	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.722		mg/kg	0.412	0.027	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.825	0.081	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Calcium, Total	2570		mg/kg	8.25	2.89	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Chromium, Total	20.2		mg/kg	0.825	0.079	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.91		mg/kg	1.65	0.137	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Copper, Total	14.2		mg/kg	0.825	0.213	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Iron, Total	19300		mg/kg	4.12	0.745	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Lead, Total	3.88	J	mg/kg	4.12	0.221	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Magnesium, Total	5340		mg/kg	8.25	1.27	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Manganese, Total	250		mg/kg	0.825	0.131	2	09/14/23 22:42	09/15/23 16:36	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/14/23 23:38	09/16/23 10:56	EPA 7471B	1,7471B	GMG
Nickel, Total	16.1		mg/kg	2.06	0.200	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Potassium, Total	5140		mg/kg	206	11.9	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.65	0.213	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.412	0.234	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Sodium, Total	179		mg/kg	165	2.60	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Thallium, Total	0.304	J	mg/kg	1.65	0.260	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Vanadium, Total	27.8		mg/kg	0.825	0.168	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB
Zinc, Total	45.5		mg/kg	4.12	0.242	2	09/14/23 22:42	09/15/23 11:45	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2353482-11

Date Collected: 09/13/23 15:30

Client ID: RI-SB-06 (14.5-15)

Date Received: 09/13/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	8.62	2.33	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.31	0.328	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.806	J	mg/kg	0.862	0.179	2	09/14/23 22:42	09/15/23 16:41	EPA 3050B	1,6010D	CEY
Barium, Total	157		mg/kg	0.862	0.150	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.896		mg/kg	0.431	0.028	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.862	0.085	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Calcium, Total	9290		mg/kg	8.62	3.02	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Chromium, Total	24.7		mg/kg	0.862	0.083	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Cobalt, Total	11.5		mg/kg	1.72	0.143	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Copper, Total	21.2		mg/kg	0.862	0.222	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Iron, Total	23400		mg/kg	4.31	0.778	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Lead, Total	4.68		mg/kg	4.31	0.231	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Magnesium, Total	9290		mg/kg	8.62	1.33	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Manganese, Total	227		mg/kg	0.862	0.137	2	09/14/23 22:42	09/15/23 16:41	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/14/23 23:38	09/16/23 11:00	EPA 7471B	1,7471B	GMG
Nickel, Total	20.6		mg/kg	2.16	0.209	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Potassium, Total	7340		mg/kg	216	12.4	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.431	0.244	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Sodium, Total	125	J	mg/kg	172	2.72	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Thallium, Total	0.582	J	mg/kg	1.72	0.272	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Vanadium, Total	32.6		mg/kg	0.862	0.175	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB
Zinc, Total	57.4		mg/kg	4.31	0.252	2	09/14/23 22:42	09/15/23 11:50	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353482

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1827468-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Sodium, Total	4.62	J	mg/kg	80.0	1.26	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1827472-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/14/23 23:38	09/16/23 09:26	1,7471B	GMG



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353482

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1827468-2 SRM Lot Number: D119-540								
Aluminum, Total	72		-		48-152	-		
Antimony, Total	129		-		10-190	-		
Arsenic, Total	95		-		83-117	-		
Barium, Total	92		-		82-118	-		
Beryllium, Total	94		-		83-117	-		
Cadmium, Total	88		-		82-117	-		
Calcium, Total	93		-		81-118	-		
Chromium, Total	97		-		82-119	-		
Cobalt, Total	96		-		83-117	-		
Copper, Total	96		-		84-116	-		
Iron, Total	98		-		60-140	-		
Lead, Total	97		-		82-118	-		
Magnesium, Total	89		-		76-124	-		
Manganese, Total	90		-		82-118	-		
Nickel, Total	95		-		82-117	-		
Potassium, Total	85		-		70-130	-		
Selenium, Total	98		-		79-121	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	92		-		74-126	-		
Thallium, Total	96		-		81-119	-		
Vanadium, Total	93		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1827468-2 SRM Lot Number: D119-540					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1827472-2 SRM Lot Number: D119-540					
Mercury, Total	109	-	73-127	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11			QC Batch ID: WG1827468-3			QC Sample: L2353343-02			Client ID: MS Sample			
Aluminum, Total	26700	185	30600	2100	Q	-	-		75-125	-		20
Antimony, Total	ND	46.3	28.8	62	Q	-	-		75-125	-		20
Arsenic, Total	1.80	11.1	9.05	65	Q	-	-		75-125	-		20
Barium, Total	148	185	275	68	Q	-	-		75-125	-		20
Beryllium, Total	1.71	4.63	5.11	73	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.91	3.40	69	Q	-	-		75-125	-		20
Calcium, Total	528	927	1260	79		-	-		75-125	-		20
Chromium, Total	31.6	18.5	46.2	79		-	-		75-125	-		20
Cobalt, Total	22.1	46.3	55.2	71	Q	-	-		75-125	-		20
Copper, Total	25.3	23.2	43.2	77		-	-		75-125	-		20
Iron, Total	24300	92.7	24600	324	Q	-	-		75-125	-		20
Lead, Total	8.32	49.1	43.3	71	Q	-	-		75-125	-		20
Magnesium, Total	6820	927	7690	94		-	-		75-125	-		20
Manganese, Total	246	46.3	277	67	Q	-	-		75-125	-		20
Nickel, Total	28.5	46.3	61.3	71	Q	-	-		75-125	-		20
Potassium, Total	7410	927	7970	60	Q	-	-		75-125	-		20
Selenium, Total	ND	11.1	7.61	68	Q	-	-		75-125	-		20
Silver, Total	ND	4.63	3.22	69	Q	-	-		75-125	-		20
Sodium, Total	622	927	1260	69	Q	-	-		75-125	-		20
Thallium, Total	ND	11.1	7.54	68	Q	-	-		75-125	-		20
Vanadium, Total	46.6	46.3	81.6	76		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11			QC Batch ID: WG1827468-3		QC Sample: L2353343-02		Client ID: MS Sample		
Zinc, Total	73.5	46.3	109	77	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-11			QC Batch ID: WG1827472-3		QC Sample: L2353343-02		Client ID: MS Sample		
Mercury, Total	ND	1.74	2.02	116	-	-	80-120	-	20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1827468-4 QC Sample: L2353343-02 Client ID: DUP Sample						
Aluminum, Total	26700	29100	mg/kg	9		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.80	1.44	mg/kg	22	Q	20
Barium, Total	148	138	mg/kg	7		20
Beryllium, Total	1.71	1.71	mg/kg	0		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	528	584	mg/kg	10		20
Chromium, Total	31.6	29.2	mg/kg	8		20
Cobalt, Total	22.1	20.0	mg/kg	10		20
Copper, Total	25.3	23.9	mg/kg	6		20
Iron, Total	24300	23200	mg/kg	5		20
Lead, Total	8.32	8.36	mg/kg	0		20
Magnesium, Total	6820	6340	mg/kg	7		20
Manganese, Total	246	241	mg/kg	2		20
Nickel, Total	28.5	27.0	mg/kg	5		20
Potassium, Total	7410	7040	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	622	554	mg/kg	12		20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1827468-4 QC Sample: L2353343-02 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	46.6	43.0	mg/kg	8	20
Zinc, Total	73.5	69.8	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1827472-4 QC Sample: L2353343-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-01
Client ID: RI-SB-16 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	09/14/23 11:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:13	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-02
Client ID: RI-SB-16 (6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 09:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	09/14/23 11:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:25	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-03
Client ID: RI-SB-17 (4.5-5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 11:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	09/14/23 11:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/14/23 11:40	09/14/23 18:17	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-04
Client ID: RI-SB-18 (3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:40
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	09/14/23 11:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 11:40	09/14/23 18:18	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-05
Client ID: RI-SB-18 (7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 12:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	09/14/23 11:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:38	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-06
Client ID: RI-SB-12 (2-2.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 13:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/14/23 11:13	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:39	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-07
Client ID: RI-SB-12 (8-8.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	09/14/23 11:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:40	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-08
Client ID: RI-SB-12 (12.5-13)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 14:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	09/14/23 11:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:41	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-09
Client ID: RI-SB-06 (1-1.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	09/14/23 11:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:42	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-10
Client ID: RI-SB-06 (7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:15
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/14/23 11:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:43	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2353482-11
Client ID: RI-SB-06 (14.5-15)
Sample Location: OSSINING, NY

Date Collected: 09/13/23 15:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/14/23 11:42	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/18/23 19:15	09/19/23 00:44	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2353482

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1827407-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	09/14/23 11:40	09/14/23 17:46	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05-11 Batch: WG1828806-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	09/18/23 19:15	09/18/23 23:58	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 7**Lab Number:** L2353482**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1827407-2 WG1827407-3								
Cyanide, Total	147	Q	110		80-120	26		35
General Chemistry - Westborough Lab Associated sample(s): 05-11 Batch: WG1828806-2 WG1828806-3								
Cyanide, Total	153	Q	122	Q	80-120	23		35

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1827407-4 WG1827407-5 QC Sample: L2353482-01 Client ID: RI-SB-16 (2-2.5)												
Cyanide, Total	ND	10	16	150	Q	20	190	Q	75-125	22		35
General Chemistry - Westborough Lab Associated sample(s): 05-11 QC Batch ID: WG1828806-4 WG1828806-5 QC Sample: L2353482-05 Client ID: RI-SB-18 (7.5-8)												
Cyanide, Total	ND	10	16	150	Q	16	150	Q	75-125	0		35

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2353482
Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1827353-1 QC Sample: L2353374-41 Client ID: DUP Sample						
Solids, Total	89.4	90.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 07-11 QC Batch ID: WG1827362-1 QC Sample: L2353482-07 Client ID: RI-SB-12 (8-8.5)						
Solids, Total	89.8	90.0	%	0		20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252316:27
Lab Number: L2353482
Report Date: 09/25/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353482-01A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-01B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-01C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-01D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-01E	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2353482-01G	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353482-01H	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-01X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-01Y	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-01Z	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-02A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-02B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-02C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-02D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-02E	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),SE-Ti(180),SB-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252316:27
Lab Number: L2353482
Report Date: 09/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353482-02G	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353482-02H	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-02X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-02Y	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-02Z	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-03A	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-03B	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-03C	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-03D	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-03E	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-03F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2353482-03G	Plastic 8oz unpreserved	B	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353482-03H	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-03X	Vial MeOH preserved split	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-03Y	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-03Z	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-04A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-04B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-04C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-04D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-04E	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2353482-04G	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09252316:27
Lab Number: L2353482
Report Date: 09/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353482-04H	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-04X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-04Y	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-04Z	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-05A	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-05B	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-05C	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-05D	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-05E	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-05F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2353482-05G	Plastic 8oz unpreserved	B	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353482-05H	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-05X	Vial MeOH preserved split	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-05Y	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-05Z	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-06A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-06B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-06C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-06D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-06E	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2353482-06G	Plastic 8oz unpreserved	B	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353482-06H	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-06X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-06Y	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-06Z	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-07A	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-07B	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-07C	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-07D	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-07E	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-07F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),SB-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180)
L2353482-07G	Plastic 8oz unpreserved	B	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353482-07H	Glass 250ml unpreserved split	B	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-07X	Vial MeOH preserved split	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-07Y	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-07Z	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-08A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-08B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-08C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-08D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-08E	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-08F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2353482-08G	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252316:27
Lab Number: L2353482
Report Date: 09/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353482-08H	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-08X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353482-08Y	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-08Z	Vial Water preserved split	A	NA		3.7	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-09A	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-09B	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-09C	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-09D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-09E	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-09F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180)
L2353482-09G	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353482-09H	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-09X	Vial MeOH preserved split	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-09Y	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-09Z	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-10A	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-10B	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-10C	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-10D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2353482-10E	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-10F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),SB-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2353482-10G	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2353482**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353482-10H	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-10X	Vial MeOH preserved split	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-10Y	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-10Z	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-11A	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-11B	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-11C	5 gram Encore Sampler	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-11D	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-11E	Plastic 2oz unpreserved for TS	B	NA		4.2	Y	Absent		TS(7)
L2353482-11F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),MN-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180)
L2353482-11G	Plastic 8oz unpreserved	B	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353482-11H	Glass 250ml/8oz unpreserved	B	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353482-11X	Vial MeOH preserved split	B	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2353482-11Y	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-11Z	Vial Water preserved split	B	NA		4.2	Y	Absent	14-SEP-23 14:02	NYTCL-8260HLW(14)
L2353482-12A	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2353482-12B	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252316:27
Lab Number: L2353482
Report Date: 09/25/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEEA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252316:27
Lab Number: L2353482
Report Date: 09/25/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2353482
Report Date: 09/25/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

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Page 1 of 1

Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 9/14/23		ALPHA Job # 12353482																																																																																																																																																																																																																		
Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information				Deliverables				Billing Information																																																																																																																																																																																																																
		Project Name: <u>Sun Valley Nuxm Filing Site</u> Project Location: <u>Ossining, NY</u> Project # <u>12060 / Phase 7</u> (Use Project name as Project #) ☐				☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other				☒ Same as Client Info PO #																																																																																																																																																																																																																
Client Information		Client: <u>959 Lt 46 SESI CONSULT.</u> Address: <u>Parsippany, NJ</u> <u>959 Lt 467</u> Phone: <u>973-808-9050</u> Fax: _____ Email: <u>monica.norton@sesi.org</u>				Regulatory Requirement				Disposal Site Information																																																																																																																																																																																																																
		Project Manager: <u>James Vander Vliet</u> ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____				☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge				Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																																																																																																																																
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="3"></th> <th colspan="3"></th> <th colspan="3"></th> <th rowspan="2"></th> </tr> <tr> <th>Date</th> <th>Time</th> <th></th><th></th><th></th> <th></th><th></th><th></th> <th></th><th></th><th></th> </tr> </thead> <tbody> <tr> <td>53482-01</td> <td>R1-SB-16 (2-2.5)</td> <td>9/13/23</td> <td>930</td> <td>SO</td> <td>LR</td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>02</td> <td>R1-SB-16 (6.5-7)</td> <td></td> <td>945</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>03</td> <td>R1-SB-17 (4.5-5)</td> <td></td> <td>1140</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>9</td> </tr> <tr> <td>04</td> <td>R1-SB-18 (3-3.5)</td> <td></td> <td>1240</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>05</td> <td>R1-SB-18 (7.5-8)</td> <td></td> <td>1250</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>06</td> <td>R1-SB-12 (2-2.5)</td> <td></td> <td>1330</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>07</td> <td>R1-SB-12 (8-8.5)</td> <td></td> <td>1400</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>08</td> <td>R1-SB-12 (12.5-13)</td> <td></td> <td>1415</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>09</td> <td>R1-SB-06 (1-1.5)</td> <td></td> <td>1500</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> <tr> <td>10</td> <td>R1-SB-06 (7-7.5)</td> <td></td> <td>1515</td> <td></td> <td></td> <td>X</td><td>X</td><td>X</td> <td></td><td></td><td></td> <td></td><td></td><td></td> <td></td> <td>8</td> </tr> </tbody> </table>										ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials											Date	Time										53482-01	R1-SB-16 (2-2.5)	9/13/23	930	SO	LR	X	X	X								8	02	R1-SB-16 (6.5-7)		945			X	X	X								8	03	R1-SB-17 (4.5-5)		1140			X	X	X								9	04	R1-SB-18 (3-3.5)		1240			X	X	X								8	05	R1-SB-18 (7.5-8)		1250			X	X	X								8	06	R1-SB-12 (2-2.5)		1330			X	X	X								8	07	R1-SB-12 (8-8.5)		1400			X	X	X								8	08	R1-SB-12 (12.5-13)		1415			X	X	X								8	09	R1-SB-06 (1-1.5)		1500			X	X	X								8	10	R1-SB-06 (7-7.5)		1515			X	X	X								8	Westboro: Certification No: MA935 Mansfield: Certification No: MA015						Container Type <u>AP1</u> <u>P</u> <u>A</u>		Preservative <u>---</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
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Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA Job # 12353482

2 of 2

9/14/23

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Page 234 of 234



ANALYTICAL REPORT

Lab Number:	L2353845
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY STATION
Project Number:	12060 / PHASE 7
Report Date:	09/27/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353845-01	RI-SB-10 (1.5-2)	SOIL	136-140 OSSINING, NY	09/14/23 14:30	09/14/23
L2353845-02	RI-SB-10 (9.5-10)	SOIL	136-140 OSSINING, NY	09/14/23 14:31	09/14/23
L2353845-03	DUP_20230914	SOIL	136-140 OSSINING, NY	09/14/23 00:00	09/14/23
L2353845-04	TB_20230914	WATER	136-140 OSSINING, NY	09/14/23 00:00	09/14/23
L2353845-05	RI-SB-10 (10.0-10.5)	SOIL	136-140 OSSINING, NY	09/14/23 09:36	09/14/23
L2353845-06	RI-SB-05 (1-1.5)	SOIL	136-140 OSSINING, NY	09/14/23 09:30	09/14/23
L2353845-07	RI-SB-05 (9-9.5)	SOIL	136-140 OSSINING, NY	09/14/23 09:31	09/14/23
L2353845-08	RI-SB-05 (14.5-15)	SOIL	136-140 OSSINING, NY	09/14/23 09:32	09/14/23
L2353845-09	RI-SB-04 (0.5-1)	SOIL	136-140 OSSINING, NY	09/14/23 09:45	09/14/23
L2353845-10	RI-SB-04 (7.5-8)	SOIL	136-140 OSSINING, NY	09/14/23 09:46	09/14/23
L2353845-11	RI-SB-04 (12.5-13)	SOIL	136-140 OSSINING, NY	09/14/23 09:47	09/14/23
L2353845-12	RI-SB-09 (7.5-8)	SOIL	136-140 OSSINING, NY	09/14/23 12:30	09/14/23
L2353845-13	RI-SB-09 (4.5-5)	SOIL	136-140 OSSINING, NY	09/14/23 12:31	09/14/23
L2353845-14	RI-SB-09 (13.5-14)	SOIL	136-140 OSSINING, NY	09/14/23 12:32	09/14/23
L2353845-15	RI-SB-09 (16.5-17)	SOIL	136-140 OSSINING, NY	09/14/23 12:33	09/14/23

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Case Narrative (continued)

Report Submission

September 27, 2023: This final report includes the results of all requested analyses.

September 21, 2023: This is a preliminary report.

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

Sample Receipt

L2353845-05 through -15: The Client ID was specified by the client.

Volatile Organics

L2353845-05: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (173%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2353845-10: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (46%) and the surrogate recoveries for 1,2-dichloroethane-d4 (145%) and dibromofluoromethane (136%) were outside the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (47%). The results of both analyses are reported.

Semivolatile Organics

The WG1828960-2/-3 LCS/LCSD recoveries, associated with L2353845-12, are below the acceptance criteria for 4,6-dinitro-o-cresol (2%/8%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Perfluorinated Alkyl Acids by Isotope Dilution

L2353845-01, -02, -08, -12, -14, WG1830400-3 and WG1830400-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Case Narrative (continued)

for details.

L2353845-08 and -11: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

L2353845-11RE: The sample was re-extracted within holding time due to QC failures for M8FOSA in the original extraction. The results of the re-extraction are reported.

Total Metals

L2353845-01, -02, -03, and -05 through -15: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1827997-3 MS recoveries for iron (0%), magnesium (72%) and manganese (56%), performed on L2353845-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

Cyanide, Total

The WG1828943-2/-3 LCS/LCSD recoveries for cyanide, total (138%/143%), associated with L2353845-01, -02, -03, -05, -06, -07, -08, -09, and -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1828944-3 LCSD recovery for cyanide, total (62%), associated with L2353845-11 through -15, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (51%). The WG1828943-4/-5 MS/MSD recoveries, performed on L2353845-01, are outside the acceptance criteria for cyanide, total (140%/130%).

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

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 09/27/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-01
 Client ID: RI-SB-10 (1.5-2)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 15:07
 Analyst: JIC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.11	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.23	1
Tetrachloroethene	ND		ug/kg	0.42	0.17	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.79	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.85	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-01

Date Collected: 09/14/23 14:30

Client ID: RI-SB-10 (1.5-2)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.85	0.25	1
Xylenes, Total	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.85	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.85	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.78	1
Acetone	ND		ug/kg	8.5	4.1	1
Carbon disulfide	ND		ug/kg	8.5	3.9	1
2-Butanone	ND		ug/kg	8.5	1.9	1
Vinyl acetate	ND		ug/kg	8.5	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.85	0.14	1
sec-Butylbenzene	ND		ug/kg	0.85	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.85	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.85	0.09	1
Naphthalene	ND		ug/kg	3.4	0.55	1
Acrylonitrile	ND		ug/kg	3.4	0.98	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-01
Client ID: RI-SB-10 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.85	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	68	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	2.43	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.43	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 15:45
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-02
 Client ID: RI-SB-10 (9.5.10)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	1.4	J	ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	34		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	4.68	J	ug/kg	1
Unknown	2.08	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.60	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-03
Client ID: DUP_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 16:24
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-03
 Client ID: DUP_20230914
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	22		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	3.8	J	ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-03
Client ID: DUP_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.28	J	ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	0.26	J	ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	2.98	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.98	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-04
 Client ID: TB_20230914
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 08:45
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-04

Date Collected: 09/14/23 00:00

Client ID: TB_20230914

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-04
Client ID: TB_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-05
 Client ID: RI-SB-10 (10.0-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 17:16
 Analyst: AJK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	8.3		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-05
 Client ID: RI-SB-10 (10.0-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	34		ug/kg	1.9	0.53	1
o-Xylene	4.4		ug/kg	0.95	0.28	1
Xylenes, Total	38		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	62		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	17		ug/kg	0.95	0.16	1
sec-Butylbenzene	17		ug/kg	0.95	0.14	1
tert-Butylbenzene	1.7	J	ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	14		ug/kg	0.95	0.10	1
p-Isopropyltoluene	2.5		ug/kg	0.95	0.10	1
Naphthalene	15		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-05**Date Collected:** 09/14/23 09:36**Client ID:** RI-SB-10 (10.0-10.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	29		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	31		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	72		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	21		ug/kg	1.9	0.17	1
p-Ethyltoluene	60		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	57		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	1820	J	ug/kg			1
Unknown Aromatic	71.0	J	ug/kg			1
Unknown Alkane	265	J	ug/kg			1
Unknown Benzene	76.1	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	190	NJ	ug/kg			1
Unknown	103	J	ug/kg			1
Unknown Aromatic	87.9	J	ug/kg			1
Unknown	74.7	J	ug/kg			1
Decane, 4-methyl-	102	NJ	ug/kg			1
Pentane, 2,3,3-trimethyl-	260	NJ	ug/kg			1
Unknown Alkane	149	J	ug/kg			1
Unknown Benzene	128	J	ug/kg			1
Hexane, 2,5-dimethyl-	76.2	NJ	ug/kg			1
Unknown Cycloalkane	63.8	J	ug/kg			1
Unknown Cyclohexane	113	J	ug/kg			1
Pentane, 2,3-dimethyl-	62.8	NJ	ug/kg			1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-05
 Client ID: RI-SB-10 (10.0-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	173	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-06
Client ID: RI-SB-05 (1-1.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 00:14
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	52	7.6	1
Chloroform	ND		ug/kg	79	7.3	1
Carbon tetrachloride	ND		ug/kg	52	12.	1
1,2-Dichloropropane	ND		ug/kg	52	6.6	1
Dibromochloromethane	ND		ug/kg	52	7.3	1
1,1,2-Trichloroethane	ND		ug/kg	52	14.	1
Tetrachloroethene	ND		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.7	1
Trichlorofluoromethane	ND		ug/kg	210	36.	1
1,2-Dichloroethane	ND		ug/kg	52	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.8	1
Bromodichloromethane	ND		ug/kg	26	5.7	1
trans-1,3-Dichloropropene	ND		ug/kg	52	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.3	1
1,3-Dichloropropene, Total	ND		ug/kg	26	8.3	1
1,1-Dichloropropene	ND		ug/kg	26	8.3	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.7	1
Benzene	61		ug/kg	26	8.7	1
Toluene	140		ug/kg	52	28.	1
Ethylbenzene	250		ug/kg	52	7.4	1
Chloromethane	ND		ug/kg	210	49.	1
Bromomethane	ND		ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	52	18.	1
Chloroethane	ND		ug/kg	100	24.	1
1,1-Dichloroethene	ND		ug/kg	52	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	79	7.2	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-06

Date Collected: 09/14/23 09:30

Client ID: RI-SB-05 (1-1.5)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	26	7.2	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.6	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.8	1
1,4-Dichlorobenzene	ND		ug/kg	100	9.0	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	2300		ug/kg	100	29.	1
o-Xylene	350		ug/kg	52	15.	1
Xylenes, Total	2700		ug/kg	52	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	9.2	1
1,2-Dichloroethene, Total	ND		ug/kg	52	7.2	1
Dibromomethane	ND		ug/kg	100	12.	1
Styrene	ND		ug/kg	52	10.	1
Dichlorodifluoromethane	ND		ug/kg	520	48.	1
Acetone	340	J	ug/kg	520	250	1
Carbon disulfide	ND		ug/kg	520	240	1
2-Butanone	ND		ug/kg	520	120	1
Vinyl acetate	ND		ug/kg	520	110	1
4-Methyl-2-pentanone	ND		ug/kg	520	67.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.7	1
2-Hexanone	ND		ug/kg	520	62.	1
Bromochloromethane	ND		ug/kg	100	11.	1
2,2-Dichloropropane	ND		ug/kg	100	11.	1
1,2-Dibromoethane	ND		ug/kg	52	15.	1
1,3-Dichloropropane	ND		ug/kg	100	8.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	26	6.9	1
Bromobenzene	ND		ug/kg	100	7.6	1
n-Butylbenzene	800		ug/kg	52	8.8	1
sec-Butylbenzene	340		ug/kg	52	7.7	1
tert-Butylbenzene	18	J	ug/kg	100	6.2	1
o-Chlorotoluene	ND		ug/kg	100	10.	1
p-Chlorotoluene	ND		ug/kg	100	5.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	52.	1
Hexachlorobutadiene	ND		ug/kg	210	8.9	1
Isopropylbenzene	200		ug/kg	52	5.7	1
p-Isopropyltoluene	310		ug/kg	52	5.7	1
Naphthalene	3400		ug/kg	210	34.	1
Acrylonitrile	ND		ug/kg	210	60.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-06**Date Collected:** 09/14/23 09:30**Client ID:** RI-SB-05 (1-1.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	760		ug/kg	52	9.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
1,3,5-Trimethylbenzene	4200		ug/kg	100	10.	1
1,2,4-Trimethylbenzene	13000		ug/kg	100	18.	1
1,4-Dioxane	ND		ug/kg	4200	1800	1
p-Diethylbenzene	11000		ug/kg	100	9.3	1
p-Ethyltoluene	8800		ug/kg	100	20.	1
1,2,4,5-Tetramethylbenzene	4000		ug/kg	100	10.	1
Ethyl ether	ND		ug/kg	100	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	260	74.	1

Tentatively Identified Compounds

Total TIC Compounds	28000	J	ug/kg			1
Heptane, 3-methyl-	3480	NJ	ug/kg			1
Unknown Benzene	1420	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	2690	NJ	ug/kg			1
Unknown Alkane	1180	J	ug/kg			1
Unknown Alkane	3990	J	ug/kg			1
Unknown Benzene	1270	J	ug/kg			1
Unknown Alkane	1680	J	ug/kg			1
Unknown Aromatic	868	J	ug/kg			1
Unknown Aromatic	1710	J	ug/kg			1
Unknown Alkane	998	J	ug/kg			1
Hexane, 2,2,4-trimethyl-	2570	NJ	ug/kg			1
Unknown Benzene	1530	J	ug/kg			1
Unknown Benzene	927	J	ug/kg			1
Unknown	1060	J	ug/kg			1
Unknown Alkane	2610	J	ug/kg			1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-06
Client ID: RI-SB-05 (1-1.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	111		70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-07
 Client ID: RI-SB-05 (9-9.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 17:02
 Analyst: JIC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	0.34	J	ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-07
 Client ID: RI-SB-05 (9-9.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	31		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	5.9	J	ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	1.8		ug/kg	0.96	0.16	1
sec-Butylbenzene	0.99		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	1.2		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	4.4		ug/kg	3.8	0.63	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-07**Date Collected:** 09/14/23 09:31**Client ID:** RI-SB-05 (9-9.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	3.2		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	1.0	J	ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	4.1		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	131	J	ug/kg	1
Pentane, 2,3,4-trimethyl-	16.4	NJ	ug/kg	1
Hexane, 3-methyl-	4.26	NJ	ug/kg	1
Unknown Alkane	4.17	J	ug/kg	1
Unknown Alkane	5.91	J	ug/kg	1
Pentane, 2,3,3-trimethyl-	28.0	NJ	ug/kg	1
Unknown Alkane	3.93	J	ug/kg	1
Octane, 3-methyl-	4.20	NJ	ug/kg	1
Pentane, 2,3-dimethyl-	4.48	NJ	ug/kg	1
Unknown Alkane	5.85	J	ug/kg	1
Unknown Alkane	10.8	J	ug/kg	1
Unknown Alkane	24.8	J	ug/kg	1
Unknown Benzene	5.36	J	ug/kg	1
Hexane, 2,5-dimethyl-	4.56	NJ	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	4.41	NJ	ug/kg	1
Unknown Cyclohexane	3.75	J	ug/kg	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-07
Client ID: RI-SB-05 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-08
Client ID: RI-SB-05 (14.5-15)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 14:31
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-08
 Client ID: RI-SB-05 (14.5-15)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	8.1	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-08
Client ID: RI-SB-05 (14.5-15)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-09
Client ID: RI-SB-04 (0.5-1)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 14:55
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-09
 Client ID: RI-SB-04 (0.5-1)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-09
Client ID: RI-SB-04 (0.5-1)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-10
 Client ID: RI-SB-04 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/17/23 22:10
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	0.58	J	ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-10
 Client ID: RI-SB-04 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	9.3	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.5	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-10
Client ID: RI-SB-04 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	145	Q	70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	136	Q	70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-10 R
 Client ID: RI-SB-04 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 15:18
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-10 R

Date Collected: 09/14/23 09:46

Client ID: RI-SB-04 (7.5-8)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	8.6	J	ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	3.2	J	ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-10 R
Client ID: RI-SB-04 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	113		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 15:42
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-11**Date Collected:** 09/14/23 09:47**Client ID:** RI-SB-04 (12.5-13)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	6.7	J	ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	105		70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-12
 Client ID: RI-SB-09 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 16:05
 Analyst: AJK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-12
 Client ID: RI-SB-09 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-12
Client ID: RI-SB-09 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-13
Client ID: RI-SB-09 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 16:29
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-13
 Client ID: RI-SB-09 (4.5-5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	7.8	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-13
Client ID: RI-SB-09 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-14
 Client ID: RI-SB-09 (13.5-14)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 16:52
 Analyst: AJK
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-14
 Client ID: RI-SB-09 (13.5-14)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-14
Client ID: RI-SB-09 (13.5-14)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	106		70-130

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-15
 Client ID: RI-SB-09 (16.5-17)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/18/23 15:32
 Analyst: AJK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.89	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.5	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-15
 Client ID: RI-SB-09 (16.5-17)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
Xylenes, Total	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.89	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.89	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.81	1
Acetone	9.5		ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.0	1
2-Butanone	ND		ug/kg	8.9	2.0	1
Vinyl acetate	ND		ug/kg	8.9	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.9	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.89	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.89	0.15	1
sec-Butylbenzene	ND		ug/kg	0.89	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.88	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.10	1
Naphthalene	ND		ug/kg	3.5	0.58	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-15
Client ID: RI-SB-09 (16.5-17)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.89	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	71	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	110		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/17/23 17:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1828630-5					
Methylene chloride	110	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/17/23 17:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1828630-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/17/23 17:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1828630-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	452	J	ug/kg
Unknown	340	J	ug/kg
Unknown	112	J	ug/kg

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/17/23 17:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1828630-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	119		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 06:33
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1828637-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 06:33
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1828637-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 06:33
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1828637-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 06:33
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1828637-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:57
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07 Batch: WG1829204-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:57
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07 Batch: WG1829204-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:57
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07 Batch: WG1829204-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	11.0	J	ug/kg
Unknown	2.50	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.03	NJ	ug/kg
Unknown	3.43	J	ug/kg

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 09:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07 Batch: WG1829204-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:00
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG1829335-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:00
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG1829335-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:00
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG1829335-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	18.0	J	ug/kg
Unknown	5.17	J	ug/kg
Unknown	12.8	J	ug/kg

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 09:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG1829335-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	111		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 11:24
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,08-14 Batch: WG1829353-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 11:24
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,08-14 Batch: WG1829353-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 11:24
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,08-14 Batch: WG1829353-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 11:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,08-14 Batch: WG1829353-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	146	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	112		70-130

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/17/23 17:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1829418-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/17/23 17:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1829418-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/17/23 17:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1829418-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	9.04	J	ug/kg
Unknown	2.25	J	ug/kg
Unknown	6.79	J	ug/kg

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/17/23 17:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG1829418-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	119		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1828630-3 WG1828630-4								
Methylene chloride	98		100		70-130	2		30
1,1-Dichloroethane	98		101		70-130	3		30
Chloroform	102		105		70-130	3		30
Carbon tetrachloride	99		103		70-130	4		30
1,2-Dichloropropane	93		96		70-130	3		30
Dibromochloromethane	108		108		70-130	0		30
1,1,2-Trichloroethane	103		104		70-130	1		30
Tetrachloroethene	117		118		70-130	1		30
Chlorobenzene	100		100		70-130	0		30
Trichlorofluoromethane	109		112		70-139	3		30
1,2-Dichloroethane	100		101		70-130	1		30
1,1,1-Trichloroethane	99		102		70-130	3		30
Bromodichloromethane	98		102		70-130	4		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	96		100		70-130	4		30
1,1-Dichloropropene	92		96		70-130	4		30
Bromoform	90		89		70-130	1		30
1,1,2,2-Tetrachloroethane	75		73		70-130	3		30
Benzene	97		100		70-130	3		30
Toluene	95		97		70-130	2		30
Ethylbenzene	97		96		70-130	1		30
Chloromethane	97		100		52-130	3		30
Bromomethane	93		93		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1828630-3 WG1828630-4								
Vinyl chloride	99		99		67-130	0		30
Chloroethane	92		96		50-151	4		30
1,1-Dichloroethene	102		104		65-135	2		30
trans-1,2-Dichloroethene	101		103		70-130	2		30
Trichloroethene	110		116		70-130	5		30
1,2-Dichlorobenzene	95		94		70-130	1		30
1,3-Dichlorobenzene	97		98		70-130	1		30
1,4-Dichlorobenzene	98		96		70-130	2		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	109		108		70-130	1		30
o-Xylene	105		107		70-130	2		30
cis-1,2-Dichloroethene	99		102		70-130	3		30
Dibromomethane	99		101		70-130	2		30
Styrene	110		112		70-130	2		30
Dichlorodifluoromethane	103		104		30-146	1		30
Acetone	77		75		54-140	3		30
Carbon disulfide	99		100		59-130	1		30
2-Butanone	70		84		70-130	18		30
Vinyl acetate	86		82		70-130	5		30
4-Methyl-2-pentanone	69	Q	72		70-130	4		30
1,2,3-Trichloropropane	77		78		68-130	1		30
2-Hexanone	66	Q	67	Q	70-130	2		30
Bromochloromethane	110		111		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1828630-3 WG1828630-4								
2,2-Dichloropropane	103		102		70-130	1		30
1,2-Dibromoethane	103		104		70-130	1		30
1,3-Dichloropropane	97		95		69-130	2		30
1,1,1,2-Tetrachloroethane	115		111		70-130	4		30
Bromobenzene	95		94		70-130	1		30
n-Butylbenzene	94		94		70-130	0		30
sec-Butylbenzene	93		92		70-130	1		30
tert-Butylbenzene	89		89		70-130	0		30
o-Chlorotoluene	110		109		70-130	1		30
p-Chlorotoluene	90		90		70-130	0		30
1,2-Dibromo-3-chloropropane	84		83		68-130	1		30
Hexachlorobutadiene	104		103		67-130	1		30
Isopropylbenzene	86		86		70-130	0		30
p-Isopropyltoluene	94		94		70-130	0		30
Naphthalene	77		77		70-130	0		30
Acrylonitrile	78		77		70-130	1		30
n-Propylbenzene	87		86		70-130	1		30
1,2,3-Trichlorobenzene	104		102		70-130	2		30
1,2,4-Trichlorobenzene	101		97		70-130	4		30
1,3,5-Trimethylbenzene	92		92		70-130	0		30
1,2,4-Trimethylbenzene	93		93		70-130	0		30
1,4-Dioxane	71		78		65-136	9		30
p-Diethylbenzene	96		94		70-130	2		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1828630-3 WG1828630-4								
p-Ethyltoluene	93		92		70-130	1		30
1,2,4,5-Tetramethylbenzene	86		84		70-130	2		30
Ethyl ether	87		91		67-130	4		30
trans-1,4-Dichloro-2-butene	71		74		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	86		86		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1828637-3 WG1828637-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	98		100		70-130	2		20
Carbon tetrachloride	93		91		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		95		63-130	3		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		94		70-130	6		20
Chlorobenzene	100		98		75-130	2		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	95		98		70-130	3		20
1,1,1-Trichloroethane	98		98		67-130	0		20
Bromodichloromethane	98		98		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
1,1-Dichloropropene	100		99		70-130	1		20
Bromoform	84		87		54-136	4		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	100		100		70-130	0		20
Toluene	100		98		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	92		91		64-130	1		20
Bromomethane	79		79		39-139	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1828637-3 WG1828637-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	95		92		70-130	3		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	99		96		70-130	3		20
1,4-Dichlorobenzene	99		96		70-130	3		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	98		100		70-130	2		20
1,2,3-Trichloropropane	99		110		64-130	11		20
Acrylonitrile	99		110		70-130	11		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	98		97		36-147	1		20
Acetone	95		100		58-148	5		20
Carbon disulfide	100		95		51-130	5		20
2-Butanone	88		98		63-138	11		20
Vinyl acetate	130		130		70-130	0		20
4-Methyl-2-pentanone	99		110		59-130	11		20
2-Hexanone	88		98		57-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1828637-3 WG1828637-4								
Bromochloromethane	96		99		70-130	3		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	96		90		64-130	6		20
Bromobenzene	100		99		70-130	1		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	120		100		70-130	18		20
p-Chlorotoluene	100		99		70-130	1		20
1,2-Dibromo-3-chloropropane	89		100		41-144	12		20
Hexachlorobutadiene	100		93		63-130	7		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		97		70-130	3		20
Naphthalene	96		100		70-130	4		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	98		98		70-130	0		20
1,2,4-Trichlorobenzene	100		98		70-130	2		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,2,4-Trimethylbenzene	100		97		70-130	3		20
1,4-Dioxane	104		110		56-162	6		20
p-Diethylbenzene	100		97		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1828637-3 WG1828637-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	97		93		70-130	4		20
Ethyl ether	120		130		59-134	8		20
trans-1,4-Dichloro-2-butene	91		100		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		102		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	96		101		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07 Batch: WG1829204-3 WG1829204-4								
Methylene chloride	80		80		70-130	0		30
1,1-Dichloroethane	80		80		70-130	0		30
Chloroform	83		82		70-130	1		30
Carbon tetrachloride	74		74		70-130	0		30
1,2-Dichloropropane	84		83		70-130	1		30
Dibromochloromethane	101		101		70-130	0		30
1,1,2-Trichloroethane	94		93		70-130	1		30
Tetrachloroethene	89		88		70-130	1		30
Chlorobenzene	89		89		70-130	0		30
Trichlorofluoromethane	76		74		70-139	3		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	83		82		70-130	1		30
Bromodichloromethane	90		90		70-130	0		30
trans-1,3-Dichloropropene	94		94		70-130	0		30
cis-1,3-Dichloropropene	92		92		70-130	0		30
1,1-Dichloropropene	81		80		70-130	1		30
Bromoform	104		106		70-130	2		30
1,1,2,2-Tetrachloroethane	97		97		70-130	0		30
Benzene	82		81		70-130	1		30
Toluene	77		77		70-130	0		30
Ethylbenzene	83		83		70-130	0		30
Chloromethane	63		62		52-130	2		30
Bromomethane	85		86		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07 Batch: WG1829204-3 WG1829204-4								
Vinyl chloride	69		68		67-130	1		30
Chloroethane	75		74		50-151	1		30
1,1-Dichloroethene	79		80		65-135	1		30
trans-1,2-Dichloroethene	82		80		70-130	2		30
Trichloroethene	85		84		70-130	1		30
1,2-Dichlorobenzene	96		95		70-130	1		30
1,3-Dichlorobenzene	94		94		70-130	0		30
1,4-Dichlorobenzene	94		94		70-130	0		30
Methyl tert butyl ether	92		92		66-130	0		30
p/m-Xylene	84		83		70-130	1		30
o-Xylene	89		88		70-130	1		30
cis-1,2-Dichloroethene	83		83		70-130	0		30
Dibromomethane	94		92		70-130	2		30
Styrene	90		90		70-130	0		30
Dichlorodifluoromethane	53		52		30-146	2		30
Acetone	107		104		54-140	3		30
Carbon disulfide	70		69		59-130	1		30
2-Butanone	98		98		70-130	0		30
Vinyl acetate	85		82		70-130	4		30
4-Methyl-2-pentanone	99		98		70-130	1		30
1,2,3-Trichloropropane	97		97		68-130	0		30
2-Hexanone	98		97		70-130	1		30
Bromochloromethane	94		94		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07 Batch: WG1829204-3 WG1829204-4								
2,2-Dichloropropane	82		81		70-130	1		30
1,2-Dibromoethane	102		102		70-130	0		30
1,3-Dichloropropane	92		92		69-130	0		30
1,1,1,2-Tetrachloroethane	93		93		70-130	0		30
Bromobenzene	95		95		70-130	0		30
n-Butylbenzene	85		84		70-130	1		30
sec-Butylbenzene	86		84		70-130	2		30
tert-Butylbenzene	87		86		70-130	1		30
o-Chlorotoluene	84		84		70-130	0		30
p-Chlorotoluene	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	97		96		68-130	1		30
Hexachlorobutadiene	97		97		67-130	0		30
Isopropylbenzene	85		85		70-130	0		30
p-Isopropyltoluene	88		87		70-130	1		30
Naphthalene	117		116		70-130	1		30
Acrylonitrile	97		95		70-130	2		30
n-Propylbenzene	85		84		70-130	1		30
1,2,3-Trichlorobenzene	118		117		70-130	1		30
1,2,4-Trichlorobenzene	112		109		70-130	3		30
1,3,5-Trimethylbenzene	87		86		70-130	1		30
1,2,4-Trimethylbenzene	89		88		70-130	1		30
1,4-Dioxane	116		110		65-136	5		30
p-Diethylbenzene	90		88		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07 Batch: WG1829204-3 WG1829204-4								
p-Ethyltoluene	88		87		70-130	1		30
1,2,4,5-Tetramethylbenzene	98		97		70-130	1		30
Ethyl ether	90		88		67-130	2		30
trans-1,4-Dichloro-2-butene	94		95		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1829335-3 WG1829335-4								
Methylene chloride	96		91		70-130	5		30
1,1-Dichloroethane	98		90		70-130	9		30
Chloroform	88		82		70-130	7		30
Carbon tetrachloride	94		84		70-130	11		30
1,2-Dichloropropane	97		90		70-130	7		30
Dibromochloromethane	107		103		70-130	4		30
1,1,2-Trichloroethane	103		99		70-130	4		30
Tetrachloroethene	109		102		70-130	7		30
Chlorobenzene	98		93		70-130	5		30
Trichlorofluoromethane	103		92		70-139	11		30
1,2-Dichloroethane	101		96		70-130	5		30
1,1,1-Trichloroethane	97		86		70-130	12		30
Bromodichloromethane	98		93		70-130	5		30
trans-1,3-Dichloropropene	97		93		70-130	4		30
cis-1,3-Dichloropropene	101		95		70-130	6		30
1,1-Dichloropropene	91		80		70-130	13		30
Bromoform	93		87		70-130	7		30
1,1,2,2-Tetrachloroethane	81		77		70-130	5		30
Benzene	97		90		70-130	7		30
Toluene	93		87		70-130	7		30
Ethylbenzene	93		88		70-130	6		30
Chloromethane	94		84		52-130	11		30
Bromomethane	90		82		57-147	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1829335-3 WG1829335-4								
Vinyl chloride	97		85		67-130	13		30
Chloroethane	91		87		50-151	4		30
1,1-Dichloroethene	100		89		65-135	12		30
trans-1,2-Dichloroethene	100		92		70-130	8		30
Trichloroethene	108		97		70-130	11		30
1,2-Dichlorobenzene	97		92		70-130	5		30
1,3-Dichlorobenzene	99		92		70-130	7		30
1,4-Dichlorobenzene	99		92		70-130	7		30
Methyl tert butyl ether	97		91		66-130	6		30
p/m-Xylene	104		96		70-130	8		30
o-Xylene	100		96		70-130	4		30
cis-1,2-Dichloroethene	102		85		70-130	18		30
Dibromomethane	101		97		70-130	4		30
Styrene	107		100		70-130	7		30
Dichlorodifluoromethane	92		81		30-146	13		30
Acetone	74		93		54-140	23		30
Carbon disulfide	95		86		59-130	10		30
2-Butanone	82		71		70-130	14		30
Vinyl acetate	95		91		70-130	4		30
4-Methyl-2-pentanone	76		79		70-130	4		30
1,2,3-Trichloropropane	83		80		68-130	4		30
2-Hexanone	70		72		70-130	3		30
Bromochloromethane	110		93		70-130	17		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1829335-3 WG1829335-4								
2,2-Dichloropropane	101		76		70-130	28		30
1,2-Dibromoethane	104		102		70-130	2		30
1,3-Dichloropropane	96		93		69-130	3		30
1,1,1,2-Tetrachloroethane	110		105		70-130	5		30
Bromobenzene	99		91		70-130	8		30
n-Butylbenzene	92		83		70-130	10		30
sec-Butylbenzene	91		83		70-130	9		30
tert-Butylbenzene	89		81		70-130	9		30
o-Chlorotoluene	110		102		70-130	8		30
p-Chlorotoluene	90		85		70-130	6		30
1,2-Dibromo-3-chloropropane	90		92		68-130	2		30
Hexachlorobutadiene	101		93		67-130	8		30
Isopropylbenzene	87		79		70-130	10		30
p-Isopropyltoluene	93		86		70-130	8		30
Naphthalene	83		81		70-130	2		30
Acrylonitrile	85		82		70-130	4		30
n-Propylbenzene	85		79		70-130	7		30
1,2,3-Trichlorobenzene	108		101		70-130	7		30
1,2,4-Trichlorobenzene	106		97		70-130	9		30
1,3,5-Trimethylbenzene	93		87		70-130	7		30
1,2,4-Trimethylbenzene	93		86		70-130	8		30
1,4-Dioxane	79		83		65-136	5		30
p-Diethylbenzene	95		86		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1829335-3 WG1829335-4								
p-Ethyltoluene	93		86		70-130	8		30
1,2,4,5-Tetramethylbenzene	87		82		70-130	6		30
Ethyl ether	91		86		67-130	6		30
trans-1,4-Dichloro-2-butene	76		74		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		92		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	87		85		70-130
Dibromofluoromethane	99		95		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08-14 Batch: WG1829353-3 WG1829353-4								
Methylene chloride	98		89		70-130	10		30
1,1-Dichloroethane	108		100		70-130	8		30
Chloroform	103		94		70-130	9		30
Carbon tetrachloride	92		85		70-130	8		30
1,2-Dichloropropane	109		101		70-130	8		30
Dibromochloromethane	92		89		70-130	3		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	90		85		70-130	6		30
Chlorobenzene	99		94		70-130	5		30
Trichlorofluoromethane	85		77		70-139	10		30
1,2-Dichloroethane	114		107		70-130	6		30
1,1,1-Trichloroethane	104		97		70-130	7		30
Bromodichloromethane	99		93		70-130	6		30
trans-1,3-Dichloropropene	104		102		70-130	2		30
cis-1,3-Dichloropropene	100		95		70-130	5		30
1,1-Dichloropropene	116		105		70-130	10		30
Bromoform	90		91		70-130	1		30
1,1,2,2-Tetrachloroethane	107		108		70-130	1		30
Benzene	100		93		70-130	7		30
Toluene	109		102		70-130	7		30
Ethylbenzene	104		99		70-130	5		30
Chloromethane	96		88		52-130	9		30
Bromomethane	112		98		57-147	13		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08-14 Batch: WG1829353-3 WG1829353-4								
Vinyl chloride	105		94		67-130	11		30
Chloroethane	94		82		50-151	14		30
1,1-Dichloroethene	91		80		65-135	13		30
trans-1,2-Dichloroethene	99		89		70-130	11		30
Trichloroethene	98		93		70-130	5		30
1,2-Dichlorobenzene	100		97		70-130	3		30
1,3-Dichlorobenzene	100		97		70-130	3		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	88		84		66-130	5		30
p/m-Xylene	97		91		70-130	6		30
o-Xylene	97		92		70-130	5		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Dibromomethane	96		91		70-130	5		30
Styrene	97		92		70-130	5		30
Dichlorodifluoromethane	93		82		30-146	13		30
Acetone	126		121		54-140	4		30
Carbon disulfide	100		90		59-130	11		30
2-Butanone	92		90		70-130	2		30
Vinyl acetate	88		85		70-130	3		30
4-Methyl-2-pentanone	107		105		70-130	2		30
1,2,3-Trichloropropane	111		113		68-130	2		30
2-Hexanone	104		104		70-130	0		30
Bromochloromethane	87		80		70-130	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08-14 Batch: WG1829353-3 WG1829353-4								
2,2-Dichloropropane	104		96		70-130	8		30
1,2-Dibromoethane	91		90		70-130	1		30
1,3-Dichloropropane	98		96		69-130	2		30
1,1,1,2-Tetrachloroethane	91		88		70-130	3		30
Bromobenzene	101		100		70-130	1		30
n-Butylbenzene	117		110		70-130	6		30
sec-Butylbenzene	108		103		70-130	5		30
tert-Butylbenzene	104		100		70-130	4		30
o-Chlorotoluene	113		110		70-130	3		30
p-Chlorotoluene	114		111		70-130	3		30
1,2-Dibromo-3-chloropropane	84		84		68-130	0		30
Hexachlorobutadiene	93		88		67-130	6		30
Isopropylbenzene	111		107		70-130	4		30
p-Isopropyltoluene	105		101		70-130	4		30
Naphthalene	100		97		70-130	3		30
Acrylonitrile	100		99		70-130	1		30
n-Propylbenzene	115		110		70-130	4		30
1,2,3-Trichlorobenzene	102		97		70-130	5		30
1,2,4-Trichlorobenzene	104		99		70-130	5		30
1,3,5-Trimethylbenzene	111		106		70-130	5		30
1,2,4-Trimethylbenzene	112		107		70-130	5		30
1,4-Dioxane	89		82		65-136	8		30
p-Diethylbenzene	109		103		70-130	6		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,08-14 Batch: WG1829353-3 WG1829353-4								
p-Ethyltoluene	111		106		70-130	5		30
1,2,4,5-Tetramethylbenzene	119		112		70-130	6		30
Ethyl ether	97		92		67-130	5		30
trans-1,4-Dichloro-2-butene	114		115		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		117		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	115		115		70-130
Dibromofluoromethane	95		93		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1829418-3 WG1829418-4								
Methylene chloride	98		100		70-130	2		30
1,1-Dichloroethane	98		101		70-130	3		30
Chloroform	102		105		70-130	3		30
Carbon tetrachloride	99		103		70-130	4		30
1,2-Dichloropropane	93		96		70-130	3		30
Dibromochloromethane	108		108		70-130	0		30
1,1,2-Trichloroethane	103		104		70-130	1		30
Tetrachloroethene	117		118		70-130	1		30
Chlorobenzene	100		100		70-130	0		30
Trichlorofluoromethane	109		112		70-139	3		30
1,2-Dichloroethane	100		101		70-130	1		30
1,1,1-Trichloroethane	99		102		70-130	3		30
Bromodichloromethane	98		102		70-130	4		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	96		100		70-130	4		30
1,1-Dichloropropene	92		96		70-130	4		30
Bromoform	90		89		70-130	1		30
1,1,2,2-Tetrachloroethane	75		73		70-130	3		30
Benzene	97		100		70-130	3		30
Toluene	95		97		70-130	2		30
Ethylbenzene	97		96		70-130	1		30
Chloromethane	97		100		52-130	3		30
Bromomethane	93		93		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1829418-3 WG1829418-4								
Vinyl chloride	99		99		67-130	0		30
Chloroethane	92		96		50-151	4		30
1,1-Dichloroethene	102		104		65-135	2		30
trans-1,2-Dichloroethene	101		103		70-130	2		30
Trichloroethene	110		116		70-130	5		30
1,2-Dichlorobenzene	95		94		70-130	1		30
1,3-Dichlorobenzene	97		98		70-130	1		30
1,4-Dichlorobenzene	98		96		70-130	2		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	109		108		70-130	1		30
o-Xylene	105		107		70-130	2		30
cis-1,2-Dichloroethene	99		102		70-130	3		30
Dibromomethane	99		101		70-130	2		30
Styrene	110		112		70-130	2		30
Dichlorodifluoromethane	103		104		30-146	1		30
Acetone	77		75		54-140	3		30
Carbon disulfide	99		100		59-130	1		30
2-Butanone	70		84		70-130	18		30
Vinyl acetate	86		82		70-130	5		30
4-Methyl-2-pentanone	69	Q	72		70-130	4		30
1,2,3-Trichloropropane	77		78		68-130	1		30
2-Hexanone	66	Q	67	Q	70-130	2		30
Bromochloromethane	110		111		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1829418-3 WG1829418-4								
2,2-Dichloropropane	103		102		70-130	1		30
1,2-Dibromoethane	103		104		70-130	1		30
1,3-Dichloropropane	97		95		69-130	2		30
1,1,1,2-Tetrachloroethane	115		111		70-130	4		30
Bromobenzene	95		94		70-130	1		30
n-Butylbenzene	94		94		70-130	0		30
sec-Butylbenzene	93		92		70-130	1		30
tert-Butylbenzene	89		89		70-130	0		30
o-Chlorotoluene	110		109		70-130	1		30
p-Chlorotoluene	90		90		70-130	0		30
1,2-Dibromo-3-chloropropane	84		83		68-130	1		30
Hexachlorobutadiene	104		103		67-130	1		30
Isopropylbenzene	86		86		70-130	0		30
p-Isopropyltoluene	94		94		70-130	0		30
Naphthalene	77		77		70-130	0		30
Acrylonitrile	78		77		70-130	1		30
n-Propylbenzene	87		86		70-130	1		30
1,2,3-Trichlorobenzene	104		102		70-130	2		30
1,2,4-Trichlorobenzene	101		97		70-130	4		30
1,3,5-Trimethylbenzene	92		92		70-130	0		30
1,2,4-Trimethylbenzene	93		93		70-130	0		30
1,4-Dioxane	71		78		65-136	9		30
p-Diethylbenzene	96		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG1829418-3 WG1829418-4								
p-Ethyltoluene	93		92		70-130	1		30
1,2,4,5-Tetramethylbenzene	86		84		70-130	2		30
Ethyl ether	87		91		67-130	4		30
trans-1,4-Dichloro-2-butene	71		74		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	96		94		70-130
4-Bromofluorobenzene	85		86		70-130
Dibromofluoromethane	101		102		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-01
Client ID: RI-SB-10 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 10:50
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-01
 Client ID: RI-SB-10 (1.5-2)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-01
Client ID: RI-SB-10 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	64		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-01
 Client ID: RI-SB-10 (1.5-2)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 19:02
 Analyst: PS
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.531	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.531	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.265	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.531	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.265	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.265	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.265	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.531	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.531	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.265	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.265	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.265	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.531	0.305	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.531	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.531	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.531	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.531	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.531	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.531	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.531	0.217	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.531	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.265	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-01

Date Collected: 09/14/23 14:30

Client ID: RI-SB-10 (1.5-2)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	54	Q	61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	55	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	69	Q	74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	57	Q	66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	59	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	70	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	58	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	43		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	57	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	68	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	61	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	53		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	21	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	60	Q	61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	52		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	21	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	58		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 11:07
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	69	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-02
 Client ID: RI-SB-10 (9.5.10)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	53		18-120

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 19:35
Analyst: PS
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.540	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.540	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.540	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.540	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.540	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.540	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.540	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.540	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.540	0.165	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.540	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.540	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.540	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.540	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.540	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-02

Date Collected: 09/14/23 14:31

Client ID: RI-SB-10 (9.5.10)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	72	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	46		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	32		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	68		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	55		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	28	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	38		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-03
Client ID: DUP_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 11:24
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-03
 Client ID: DUP_20230914
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-03
Client ID: DUP_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	53		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-03
 Client ID: DUP_20230914
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 20:08
 Analyst: PS
 Percent Solids: 90%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.554	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.554	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.277	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.554	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.277	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.277	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.277	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.554	0.199	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.554	0.151	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.277	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.277	0.144	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.277	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.554	0.318	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.554	0.223	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.554	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.554	0.169	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.554	0.108	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.554	0.094	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.554	0.078	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.554	0.226	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.554	0.060	1
PFOA/PFOS, Total	ND		ng/g	0.277	0.046	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-03**Date Collected:** 09/14/23 00:00**Client ID:** DUP_20230914**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	94		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	79		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-05
Client ID: RI-SB-10 (10.0-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 11:40
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-05

Date Collected: 09/14/23 09:36

Client ID: RI-SB-10 (10.0-10.5)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	27	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-05
Client ID: RI-SB-10 (10.0-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	65		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-05
 Client ID: RI-SB-10 (10.0-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 20:25
 Analyst: PS
 Percent Solids: 87%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.570	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.570	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.285	0.045	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.570	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.285	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.285	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.285	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.570	0.205	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.570	0.156	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.285	0.086	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.285	0.148	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.285	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.570	0.327	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.570	0.230	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.570	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.570	0.174	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.570	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.570	0.096	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.570	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.570	0.233	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.570	0.062	1
PFOA/PFOS, Total	ND		ng/g	0.285	0.048	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-05**Date Collected:** 09/14/23 09:36**Client ID:** RI-SB-10 (10.0-10.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	78		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	90		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	82		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		24-159

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-06
 Client ID: RI-SB-05 (1-1.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 11:57
 Analyst: IM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	64	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-06
 Client ID: RI-SB-05 (1-1.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	110	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-06
Client ID: RI-SB-05 (1-1.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	50		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-06
 Client ID: RI-SB-05 (1-1.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 20:42
 Analyst: PS
 Percent Solids: 91%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.538	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.538	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.269	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.538	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.269	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.269	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.269	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.538	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.538	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.269	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.269	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.269	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.538	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.538	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.538	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.538	0.164	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.538	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.538	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.538	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.538	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.538	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.269	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-06**Date Collected:** 09/14/23 09:30**Client ID:** RI-SB-05 (1-1.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	90		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89		24-159

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-07
 Client ID: RI-SB-05 (9-9.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 12:13
 Analyst: IM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-07

Date Collected: 09/14/23 09:31

Client ID: RI-SB-05 (9-9.5)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-07
Client ID: RI-SB-05 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	60		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-07
 Client ID: RI-SB-05 (9-9.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 20:58
 Analyst: PS
 Percent Solids: 91%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.541	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.541	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.271	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.541	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.271	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.271	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.271	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.541	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.541	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.271	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.271	0.141	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.271	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.541	0.311	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.541	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.541	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.541	0.166	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.541	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.541	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.541	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.541	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.541	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.271	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-07**Date Collected:** 09/14/23 09:31**Client ID:** RI-SB-05 (9-9.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	73		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	66		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		24-159

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-08
 Client ID: RI-SB-05 (14.5-15)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 12:30
 Analyst: IM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-08
 Client ID: RI-SB-05 (14.5-15)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-08
Client ID: RI-SB-05 (14.5-15)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	73		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-08
 Client ID: RI-SB-05 (14.5-15)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 21:15
 Analyst: PS
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.564	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.564	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.282	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.564	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.282	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.282	0.068	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.282	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.564	0.202	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.564	0.154	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.282	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.282	0.146	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.282	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.564	0.324	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.564	0.227	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.564	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.564	0.172	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.564	0.095	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.564	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.564	0.231	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.564	0.061	1
PFOA/PFOS, Total	ND		ng/g	0.282	0.047	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-08**Date Collected:** 09/14/23 09:32**Client ID:** RI-SB-05 (14.5-15)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	82		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	78		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	72		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	78	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	78		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	30	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	44		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-08
Client ID: RI-SB-05 (14.5-15)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/25/23 10:16
Analyst: AC
Percent Solids: 88%

Extraction Method: ALPHA 23528
Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.564	0.110	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			15		10-117	

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-09
 Client ID: RI-SB-04 (0.5-1)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 15:00
 Analyst: IM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	100	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-09
 Client ID: RI-SB-04 (0.5-1)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	65	J	ug/kg	110	20.	1
Benzo(a)pyrene	64	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	74	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	32	J	ug/kg	110	29.	1
Chrysene	72	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	81	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-09
Client ID: RI-SB-04 (0.5-1)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	65		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-09
 Client ID: RI-SB-04 (0.5-1)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 21:31
 Analyst: PS
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.539	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.539	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.539	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.539	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.539	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.539	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.539	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.539	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.539	0.165	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.539	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.539	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.539	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.539	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.539	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-09**Date Collected:** 09/14/23 09:45**Client ID:** RI-SB-04 (0.5-1)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	62		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	83		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	59		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-10
Client ID: RI-SB-04 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 15:17
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-10
 Client ID: RI-SB-04 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-10
Client ID: RI-SB-04 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	66		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-10
 Client ID: RI-SB-04 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 21:48
 Analyst: PS
 Percent Solids: 89%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.558	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.558	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.279	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.558	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.279	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.279	0.068	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.279	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.558	0.200	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.558	0.152	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.279	0.084	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.279	0.145	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.279	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.558	0.320	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.558	0.225	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.558	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.558	0.171	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.558	0.109	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.558	0.094	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.558	0.078	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.558	0.228	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.558	0.060	1
PFOA/PFOS, Total	ND		ng/g	0.279	0.047	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-10**Date Collected:** 09/14/23 09:46**Client ID:** RI-SB-04 (7.5-8)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	51		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	58		24-159

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-11
 Client ID: RI-SB-04 (12.5-13)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 15:34
 Analyst: IM
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 17:59

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

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-11
 Client ID: RI-SB-04 (12.5-13)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

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

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 22:05
Analyst: PS
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.549	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.549	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.549	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.549	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.549	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.549	0.315	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.549	0.221	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.549	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.549	0.168	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.549	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.549	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.549	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.549	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.275	0.046	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-11**Date Collected:** 09/14/23 09:47**Client ID:** RI-SB-04 (12.5-13)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	41		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	58		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11 RE
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/27/23 08:58
Analyst: AC
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/26/23 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.560	0.110	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53			10-117		

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-12
 Client ID: RI-SB-09 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/19/23 15:10
 Analyst: MG
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-12
 Client ID: RI-SB-09 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-12
Client ID: RI-SB-09 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	74		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-12
 Client ID: RI-SB-09 (7.5-8)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 22:38
 Analyst: PS
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.538	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.538	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.269	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.538	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.269	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.269	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.269	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.538	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.538	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.269	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.269	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.269	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.538	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.538	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.538	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.538	0.164	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.538	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.538	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.538	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.538	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.538	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.269	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-12**Date Collected:** 09/14/23 12:30**Client ID:** RI-SB-09 (7.5-8)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	74		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	71		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	77		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	74	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	76	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	59		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	25	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	75		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	32	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39		24-159

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-13
 Client ID: RI-SB-09 (4.5-5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 16:07
 Analyst: IM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-13
 Client ID: RI-SB-09 (4.5-5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-13
Client ID: RI-SB-09 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	57		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-13
 Client ID: RI-SB-09 (4.5-5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 22:54
 Analyst: PS
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.532	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.532	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.532	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.532	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.532	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.532	0.305	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.532	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.532	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.532	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.532	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.532	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.532	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.532	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.532	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.266	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-13**Date Collected:** 09/14/23 12:31**Client ID:** RI-SB-09 (4.5-5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	88		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	59		24-159

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-14
 Client ID: RI-SB-09 (13.5-14)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 16:23
 Analyst: IM
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-14
 Client ID: RI-SB-09 (13.5-14)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-14
Client ID: RI-SB-09 (13.5-14)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-14
 Client ID: RI-SB-09 (13.5-14)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 23:11
 Analyst: PS
 Percent Solids: 93%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.535	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.535	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.268	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.535	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.268	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.268	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.268	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.535	0.192	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.535	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.268	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.268	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.268	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.535	0.307	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.535	0.216	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.535	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.535	0.164	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.535	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.535	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.535	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.535	0.219	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.535	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.268	0.045	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-14**Date Collected:** 09/14/23 12:32**Client ID:** RI-SB-09 (13.5-14)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	69		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	55		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	34		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	80		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	34		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	69		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	40		24-159

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-15
 Client ID: RI-SB-09 (16.5-17)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 16:40
 Analyst: IM
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-15
 Client ID: RI-SB-09 (16.5-17)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-15
Client ID: RI-SB-09 (16.5-17)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	68		18-120

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-15
 Client ID: RI-SB-09 (16.5-17)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 23:27
 Analyst: PS
 Percent Solids: 87%

Extraction Method: ALPHA 23528
 Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.570	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.570	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.285	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.570	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.285	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.285	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.285	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.570	0.204	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.570	0.155	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.285	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.285	0.148	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.285	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.570	0.327	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.570	0.230	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.570	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.570	0.174	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.570	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.570	0.096	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.570	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.570	0.233	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.570	0.062	1
PFOA/PFOS, Total	ND		ng/g	0.285	0.048	1

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-15**Date Collected:** 09/14/23 12:33**Client ID:** RI-SB-09 (16.5-17)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	79		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	80		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 09:27
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-11,13-15 Batch: WG1828107-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 09:27
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-11,13-15 Batch: WG1828107-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 09:27
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/15/23 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-11,13-15 Batch: WG1828107-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 13:58
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 09/19/23 00:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1828960-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 13:58
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 09/19/23 00:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1828960-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 13:58
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 09/19/23 00:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1828960-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 18:29
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03,05-15 Batch: WG1830400-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 18:29
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03,05-15 Batch: WG1830400-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	78		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	72		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	29		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	66		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		24-159

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/25/23 10:04
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/21/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03,05-15 Batch: WG1830400-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	86		10-117

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/27/23 08:46
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/26/23 13:29

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 11 Batch: WG1832159-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	65		10-117

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-11,13-15 Batch: WG1828107-2 WG1828107-3								
Acenaphthene	65		66		31-137	2		50
1,2,4-Trichlorobenzene	72		71		38-107	1		50
Hexachlorobenzene	65		66		40-140	2		50
Bis(2-chloroethyl)ether	56		56		40-140	0		50
2-Chloronaphthalene	71		73		40-140	3		50
1,2-Dichlorobenzene	68		69		40-140	1		50
1,3-Dichlorobenzene	67		66		40-140	2		50
1,4-Dichlorobenzene	66		67		28-104	2		50
3,3'-Dichlorobenzidine	66		62		40-140	6		50
2,4-Dinitrotoluene	79		80		40-132	1		50
2,6-Dinitrotoluene	78		81		40-140	4		50
Fluoranthene	70		71		40-140	1		50
4-Chlorophenyl phenyl ether	73		73		40-140	0		50
4-Bromophenyl phenyl ether	68		70		40-140	3		50
Bis(2-chloroisopropyl)ether	59		60		40-140	2		50
Bis(2-chloroethoxy)methane	56		58		40-117	4		50
Hexachlorobutadiene	79		77		40-140	3		50
Hexachlorocyclopentadiene	70		71		40-140	1		50
Hexachloroethane	62		60		40-140	3		50
Isophorone	54		56		40-140	4		50
Naphthalene	67		67		40-140	0		50
Nitrobenzene	54		53		40-140	2		50
NDPA/DPA	70		73		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-11,13-15 Batch: WG1828107-2 WG1828107-3								
n-Nitrosodi-n-propylamine	55		55		32-121	0		50
Bis(2-ethylhexyl)phthalate	76		81		40-140	6		50
Butyl benzyl phthalate	76		78		40-140	3		50
Di-n-butylphthalate	72		74		40-140	3		50
Di-n-octylphthalate	79		81		40-140	3		50
Diethyl phthalate	70		73		40-140	4		50
Dimethyl phthalate	74		77		40-140	4		50
Benzo(a)anthracene	72		74		40-140	3		50
Benzo(a)pyrene	76		74		40-140	3		50
Benzo(b)fluoranthene	72		67		40-140	7		50
Benzo(k)fluoranthene	68		70		40-140	3		50
Chrysene	74		74		40-140	0		50
Acenaphthylene	71		73		40-140	3		50
Anthracene	69		70		40-140	1		50
Benzo(ghi)perylene	66		67		40-140	2		50
Fluorene	68		70		40-140	3		50
Phenanthrene	66		67		40-140	2		50
Dibenzo(a,h)anthracene	70		70		40-140	0		50
Indeno(1,2,3-cd)pyrene	75		76		40-140	1		50
Pyrene	69		71		35-142	3		50
Biphenyl	75		76		37-127	1		50
4-Chloroaniline	40		39	Q	40-140	3		50
2-Nitroaniline	79		84		47-134	6		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-11,13-15 Batch: WG1828107-2 WG1828107-3								
3-Nitroaniline	61		63		26-129	3		50
4-Nitroaniline	62		64		41-125	3		50
Dibenzofuran	71		72		40-140	1		50
2-Methylnaphthalene	71		72		40-140	1		50
1,2,4,5-Tetrachlorobenzene	80		81		40-117	1		50
Acetophenone	65		66		14-144	2		50
2,4,6-Trichlorophenol	78		80		30-130	3		50
p-Chloro-m-cresol	64		67		26-103	5		50
2-Chlorophenol	71		70		25-102	1		50
2,4-Dichlorophenol	77		77		30-130	0		50
2,4-Dimethylphenol	53		56		30-130	6		50
2-Nitrophenol	83		84		30-130	1		50
4-Nitrophenol	58		62		11-114	7		50
2,4-Dinitrophenol	77		76		4-130	1		50
4,6-Dinitro-o-cresol	94		98		10-130	4		50
Pentachlorophenol	78		81		17-109	4		50
Phenol	59		59		26-90	0		50
2-Methylphenol	63		64		30-130.	2		50
3-Methylphenol/4-Methylphenol	62		64		30-130	3		50
2,4,5-Trichlorophenol	83		87		30-130	5		50
Benzoic Acid	41		32		10-110	25		50
Benzyl Alcohol	58		60		40-140	3		50
Carbazole	68		68		54-128	0		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-11,13-15 Batch: WG1828107-2 WG1828107-3								
1,4-Dioxane	48		45		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		61		25-120
Phenol-d6	65		60		10-120
Nitrobenzene-d5	58		54		23-120
2-Fluorobiphenyl	75		71		30-120
2,4,6-Tribromophenol	68		65		10-136
4-Terphenyl-d14	73		69		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828960-2 WG1828960-3								
Acenaphthene	61		75		31-137	21		50
1,2,4-Trichlorobenzene	62		73		38-107	16		50
Hexachlorobenzene	64		78		40-140	20		50
Bis(2-chloroethyl)ether	58		69		40-140	17		50
2-Chloronaphthalene	62		73		40-140	16		50
1,2-Dichlorobenzene	62		73		40-140	16		50
1,3-Dichlorobenzene	61		72		40-140	17		50
1,4-Dichlorobenzene	61		73		28-104	18		50
3,3'-Dichlorobenzidine	58		72		40-140	22		50
2,4-Dinitrotoluene	45		61		40-132	30		50
2,6-Dinitrotoluene	50		62		40-140	21		50
Fluoranthene	60		73		40-140	20		50
4-Chlorophenyl phenyl ether	60		76		40-140	24		50
4-Bromophenyl phenyl ether	61		76		40-140	22		50
Bis(2-chloroisopropyl)ether	60		73		40-140	20		50
Bis(2-chloroethoxy)methane	59		71		40-117	18		50
Hexachlorobutadiene	52		65		40-140	22		50
Hexachlorocyclopentadiene	20	Q	26	Q	40-140	26		50
Hexachloroethane	49		58		40-140	17		50
Isophorone	57		68		40-140	18		50
Naphthalene	62		75		40-140	19		50
Nitrobenzene	56		69		40-140	21		50
NDPA/DPA	62		78		36-157	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828960-2 WG1828960-3								
n-Nitrosodi-n-propylamine	56		68		32-121	19		50
Bis(2-ethylhexyl)phthalate	77		94		40-140	20		50
Butyl benzyl phthalate	61		75		40-140	21		50
Di-n-butylphthalate	64		80		40-140	22		50
Di-n-octylphthalate	72		90		40-140	22		50
Diethyl phthalate	60		76		40-140	24		50
Dimethyl phthalate	58		69		40-140	17		50
Benzo(a)anthracene	63		78		40-140	21		50
Benzo(a)pyrene	62		78		40-140	23		50
Benzo(b)fluoranthene	60		75		40-140	22		50
Benzo(k)fluoranthene	59		73		40-140	21		50
Chrysene	66		82		40-140	22		50
Acenaphthylene	64		76		40-140	17		50
Anthracene	66		79		40-140	18		50
Benzo(ghi)perylene	58		72		40-140	22		50
Fluorene	64		80		40-140	22		50
Phenanthrene	63		77		40-140	20		50
Dibenzo(a,h)anthracene	58		73		40-140	23		50
Indeno(1,2,3-cd)pyrene	56		70		40-140	22		50
Pyrene	60		74		35-142	21		50
Biphenyl	66		78		37-127	17		50
4-Chloroaniline	52		60		40-140	14		50
2-Nitroaniline	64		78		47-134	20		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828960-2 WG1828960-3								
3-Nitroaniline	68		84		26-129	21		50
4-Nitroaniline	76		97		41-125	24		50
Dibenzofuran	64		79		40-140	21		50
2-Methylnaphthalene	63		78		40-140	21		50
1,2,4,5-Tetrachlorobenzene	61		73		40-117	18		50
Acetophenone	69		83		14-144	18		50
2,4,6-Trichlorophenol	70		83		30-130	17		50
p-Chloro-m-cresol	66		79		26-103	18		50
2-Chlorophenol	68		82		25-102	19		50
2,4-Dichlorophenol	72		86		30-130	18		50
2,4-Dimethylphenol	66		78		30-130	17		50
2-Nitrophenol	32		44		30-130	32		50
4-Nitrophenol	39		53		11-114	30		50
2,4-Dinitrophenol	10		13		4-130	28		50
4,6-Dinitro-o-cresol	2	Q	8	Q	10-130	105	Q	50
Pentachlorophenol	57		66		17-109	15		50
Phenol	66		79		26-90	18		50
2-Methylphenol	68		83		30-130	20		50
3-Methylphenol/4-Methylphenol	68		82		30-130	19		50
2,4,5-Trichlorophenol	68		81		30-130	17		50
Benzoic Acid	15		12		10-110	22		50
Benzyl Alcohol	63		77		40-140	20		50
Carbazole	65		80		54-128	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1828960-2 WG1828960-3								
1,4-Dioxane	42		49		40-140	15		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		86		25-120
Phenol-d6	69		83		10-120
Nitrobenzene-d5	57		67		23-120
2-Fluorobiphenyl	58		70		30-120
2,4,6-Tribromophenol	66		85		10-136
4-Terphenyl-d14	60		73		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03,05-15 Batch: WG1830400-2								
Perfluorobutanoic Acid (PFBA)	105		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	107		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	104		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	92		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	99		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	100		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	101		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	93		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	94		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	110		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	89		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	108		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	115		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03,05-15 Batch: WG1830400-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	79				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	39				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76				24-159

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03,05-15 Batch: WG1830400-2								
Perfluorooctanesulfonamide (FOSA)	92		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84				10-117

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 Batch: WG1832159-2								
Perfluorooctanesulfonamide (FOSA)	96		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	54				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1830400-3 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)												
Perfluorobutanoic Acid (PFBA)	ND	5.31	5.51	104	-	-	-	-	71-135	-	-	30
Perfluoropentanoic Acid (PFPeA)	ND	5.31	5.45	103	-	-	-	-	69-132	-	-	30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.71	4.91	104	-	-	-	-	72-128	-	-	30
Perfluorohexanoic Acid (PFHxA)	ND	5.31	5.71	108	-	-	-	-	70-132	-	-	30
Perfluoroheptanoic Acid (PFHpA)	ND	5.31	5.64	106	-	-	-	-	71-131	-	-	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.85	5.02	103	-	-	-	-	67-130	-	-	30
Perfluorooctanoic Acid (PFOA)	ND	5.31	5.45	103	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.05	4.72	93	-	-	-	-	64-140	-	-	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.06	5.31	105	-	-	-	-	70-132	-	-	30
Perfluorononanoic Acid (PFNA)	ND	5.31	5.74	108	-	-	-	-	72-129	-	-	30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.93	4.97	101	-	-	-	-	68-136	-	-	30
Perfluorodecanoic Acid (PFDA)	ND	5.31	5.26	99	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.1	5.77	113	-	-	-	-	65-137	-	-	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.31	6.79	128	-	-	-	-	63-144	-	-	30
Perfluoroundecanoic Acid (PFUnA)	ND	5.31	5.25	99	-	-	-	-	64-136	-	-	30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.13	5.28	103	-	-	-	-	59-134	-	-	30
Perfluorooctanesulfonamide (FOSA)	ND	5.31	5.40	102	-	-	-	-	67-137	-	-	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.31	4.43	83	-	-	-	-	61-139	-	-	30
Perfluorododecanoic Acid (PFDoA)	ND	5.31	4.74	89	-	-	-	-	69-135	-	-	30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.31	5.96	112	-	-	-	-	66-139	-	-	30
Perfluorotetradecanoic Acid (PFTA)	ND	5.31	5.97	112	-	-	-	-	69-133	-	-	30

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Project Number:** 12060 / PHASE 7**Lab Number:** L2353845**Report Date:** 09/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1830400-3 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)												

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	51				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	48				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	26	Q			34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	18	Q			31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	63				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	59	Q			75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	62	Q			66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	62	Q			71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	70	Q			78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	62				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	48				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	60	Q			61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	59				58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53				10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71	Q			79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	61	Q			75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	57	Q			72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	71	Q			74-139

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2353845
Report Date: 09/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1830400-4 QC Sample: L2353845-02 Client ID: RI-SB-10 (9.5.10)						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/g	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1830400-4 QC Sample: L2353845-02 Client ID: RI-SB-10 (9.5.10)						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		77		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		78		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		83		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		82		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		82		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		81		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	62		66		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68	Q	71	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74	Q	77	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	72	Q	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	46		70		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	32		38		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	68		76		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	55		81		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	28	Q	40		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		69		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	38		45		24-159

PCBS

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-01
Client ID: RI-SB-10 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:33
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.18	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.98	1	A
Aroclor 1248	ND		ug/kg	51.8	7.76	1	A
Aroclor 1254	ND		ug/kg	51.8	5.66	1	A
Aroclor 1260	ND		ug/kg	51.8	9.56	1	A
Aroclor 1262	ND		ug/kg	51.8	6.57	1	A
Aroclor 1268	ND		ug/kg	51.8	5.36	1	A
PCBs, Total	ND		ug/kg	51.8	4.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:41
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.0	4.80	1	A
Aroclor 1221	ND		ug/kg	54.0	5.41	1	A
Aroclor 1232	ND		ug/kg	54.0	11.4	1	A
Aroclor 1242	ND		ug/kg	54.0	7.28	1	A
Aroclor 1248	ND		ug/kg	54.0	8.10	1	A
Aroclor 1254	ND		ug/kg	54.0	5.91	1	A
Aroclor 1260	ND		ug/kg	54.0	9.98	1	A
Aroclor 1262	ND		ug/kg	54.0	6.86	1	A
Aroclor 1268	ND		ug/kg	54.0	5.60	1	A
PCBs, Total	ND		ug/kg	54.0	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-03
Client ID: DUP_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:49
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.8	4.77	1	A
Aroclor 1221	ND		ug/kg	53.8	5.39	1	A
Aroclor 1232	ND		ug/kg	53.8	11.4	1	A
Aroclor 1242	ND		ug/kg	53.8	7.25	1	A
Aroclor 1248	ND		ug/kg	53.8	8.06	1	A
Aroclor 1254	ND		ug/kg	53.8	5.88	1	A
Aroclor 1260	ND		ug/kg	53.8	9.93	1	A
Aroclor 1262	ND		ug/kg	53.8	6.83	1	A
Aroclor 1268	ND		ug/kg	53.8	5.57	1	A
PCBs, Total	ND		ug/kg	53.8	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-05
Client ID: RI-SB-10 (10.0-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:57
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.3	5.00	1	A
Aroclor 1221	ND		ug/kg	56.3	5.64	1	A
Aroclor 1232	ND		ug/kg	56.3	11.9	1	A
Aroclor 1242	ND		ug/kg	56.3	7.59	1	A
Aroclor 1248	ND		ug/kg	56.3	8.45	1	A
Aroclor 1254	ND		ug/kg	56.3	6.16	1	A
Aroclor 1260	ND		ug/kg	56.3	10.4	1	A
Aroclor 1262	ND		ug/kg	56.3	7.15	1	A
Aroclor 1268	ND		ug/kg	56.3	5.83	1	A
PCBs, Total	ND		ug/kg	56.3	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-06
Client ID: RI-SB-05 (1-1.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:05
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.9	4.79	1	A
Aroclor 1221	ND		ug/kg	53.9	5.40	1	A
Aroclor 1232	ND		ug/kg	53.9	11.4	1	A
Aroclor 1242	ND		ug/kg	53.9	7.27	1	A
Aroclor 1248	ND		ug/kg	53.9	8.09	1	A
Aroclor 1254	ND		ug/kg	53.9	5.90	1	A
Aroclor 1260	ND		ug/kg	53.9	9.97	1	A
Aroclor 1262	ND		ug/kg	53.9	6.85	1	A
Aroclor 1268	ND		ug/kg	53.9	5.59	1	A
PCBs, Total	ND		ug/kg	53.9	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-07
Client ID: RI-SB-05 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:13
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.2	4.55	1	A
Aroclor 1221	ND		ug/kg	51.2	5.14	1	A
Aroclor 1232	ND		ug/kg	51.2	10.9	1	A
Aroclor 1242	ND		ug/kg	51.2	6.91	1	A
Aroclor 1248	ND		ug/kg	51.2	7.69	1	A
Aroclor 1254	ND		ug/kg	51.2	5.61	1	A
Aroclor 1260	ND		ug/kg	51.2	9.47	1	A
Aroclor 1262	ND		ug/kg	51.2	6.51	1	A
Aroclor 1268	ND		ug/kg	51.2	5.31	1	A
PCBs, Total	ND		ug/kg	51.2	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-08
Client ID: RI-SB-05 (14.5-15)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:21
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.7	4.86	1	A
Aroclor 1221	ND		ug/kg	54.7	5.48	1	A
Aroclor 1232	ND		ug/kg	54.7	11.6	1	A
Aroclor 1242	ND		ug/kg	54.7	7.37	1	A
Aroclor 1248	ND		ug/kg	54.7	8.20	1	A
Aroclor 1254	ND		ug/kg	54.7	5.98	1	A
Aroclor 1260	ND		ug/kg	54.7	10.1	1	A
Aroclor 1262	ND		ug/kg	54.7	6.95	1	A
Aroclor 1268	ND		ug/kg	54.7	5.67	1	A
PCBs, Total	ND		ug/kg	54.7	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-09
Client ID: RI-SB-04 (0.5-1)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:29
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.0	4.44	1	A
Aroclor 1221	ND		ug/kg	50.0	5.01	1	A
Aroclor 1232	ND		ug/kg	50.0	10.6	1	A
Aroclor 1242	ND		ug/kg	50.0	6.74	1	A
Aroclor 1248	ND		ug/kg	50.0	7.50	1	A
Aroclor 1254	ND		ug/kg	50.0	5.47	1	A
Aroclor 1260	ND		ug/kg	50.0	9.24	1	A
Aroclor 1262	ND		ug/kg	50.0	6.35	1	A
Aroclor 1268	ND		ug/kg	50.0	5.18	1	A
PCBs, Total	ND		ug/kg	50.0	4.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-10
Client ID: RI-SB-04 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:36
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.1	4.63	1	A
Aroclor 1221	ND		ug/kg	52.1	5.22	1	A
Aroclor 1232	ND		ug/kg	52.1	11.0	1	A
Aroclor 1242	ND		ug/kg	52.1	7.02	1	A
Aroclor 1248	ND		ug/kg	52.1	7.81	1	A
Aroclor 1254	ND		ug/kg	52.1	5.70	1	A
Aroclor 1260	ND		ug/kg	52.1	9.63	1	A
Aroclor 1262	ND		ug/kg	52.1	6.62	1	A
Aroclor 1268	ND		ug/kg	52.1	5.40	1	A
PCBs, Total	ND		ug/kg	52.1	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:44
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.3	4.91	1	A
Aroclor 1221	ND		ug/kg	55.3	5.54	1	A
Aroclor 1232	ND		ug/kg	55.3	11.7	1	A
Aroclor 1242	ND		ug/kg	55.3	7.45	1	A
Aroclor 1248	ND		ug/kg	55.3	8.29	1	A
Aroclor 1254	ND		ug/kg	55.3	6.05	1	A
Aroclor 1260	ND		ug/kg	55.3	10.2	1	A
Aroclor 1262	ND		ug/kg	55.3	7.02	1	A
Aroclor 1268	ND		ug/kg	55.3	5.73	1	A
PCBs, Total	ND		ug/kg	55.3	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-12
Client ID: RI-SB-09 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:52
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.72	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.81	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-13
Client ID: RI-SB-09 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 11:00
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:18
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.0	4.53	1	A
Aroclor 1221	ND		ug/kg	51.0	5.11	1	A
Aroclor 1232	ND		ug/kg	51.0	10.8	1	A
Aroclor 1242	ND		ug/kg	51.0	6.87	1	A
Aroclor 1248	ND		ug/kg	51.0	7.65	1	A
Aroclor 1254	ND		ug/kg	51.0	5.58	1	A
Aroclor 1260	ND		ug/kg	51.0	9.42	1	A
Aroclor 1262	ND		ug/kg	51.0	6.48	1	A
Aroclor 1268	ND		ug/kg	51.0	5.28	1	A
PCBs, Total	ND		ug/kg	51.0	4.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-14
Client ID: RI-SB-09 (13.5-14)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 11:08
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:20
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.65	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-15
Client ID: RI-SB-09 (16.5-17)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 11:16
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:20
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.10	1	A
Aroclor 1248	ND		ug/kg	52.7	7.90	1	A
Aroclor 1254	ND		ug/kg	52.7	5.76	1	A
Aroclor 1260	ND		ug/kg	52.7	9.73	1	A
Aroclor 1262	ND		ug/kg	52.7	6.69	1	A
Aroclor 1268	ND		ug/kg	52.7	5.46	1	A
PCBs, Total	ND		ug/kg	52.7	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/16/23 11:48
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 19:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03,05-15 Batch: WG1828114-1						
Aroclor 1016	ND		ug/kg	47.5	4.22	A
Aroclor 1221	ND		ug/kg	47.5	4.76	A
Aroclor 1232	ND		ug/kg	47.5	10.1	A
Aroclor 1242	ND		ug/kg	47.5	6.41	A
Aroclor 1248	ND		ug/kg	47.5	7.13	A
Aroclor 1254	ND		ug/kg	47.5	5.20	A
Aroclor 1260	ND		ug/kg	47.5	8.78	A
Aroclor 1262	ND		ug/kg	47.5	6.04	A
Aroclor 1268	ND		ug/kg	47.5	4.92	A
PCBs, Total	ND		ug/kg	47.5	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03,05-15 Batch: WG1828114-2 WG1828114-3									
Aroclor 1016	93		86		40-140	8		50	A
Aroclor 1260	90		82		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		82		30-150	A
Decachlorobiphenyl	83		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		82		30-150	B
Decachlorobiphenyl	85		78		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-01
Client ID: RI-SB-10 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 17:24
Analyst: EJL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.718	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	ND		ug/kg	1.72	0.399	1	A
4,4'-DDD	ND		ug/kg	1.72	0.615	1	A
4,4'-DDT	ND		ug/kg	1.72	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.01	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.569	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-01
Client ID: RI-SB-10 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 17:36
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.986	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-02
Client ID: RI-SB-10 (9.5.10)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 14:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-03
Client ID: DUP_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 17:47
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.891	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.557	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	ND		ug/kg	2.23	0.621	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-03
Client ID: DUP_20230914
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 00:00
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-05
Client ID: RI-SB-10 (10.0-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 17:59
Analyst: EJJ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	1.81	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	15.1	6.00	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-05
Client ID: RI-SB-10 (10.0-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:36
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-06
Client ID: RI-SB-05 (1-1.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 18:10
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.723	0.323	1	A
Alpha-BHC	ND		ug/kg	0.723	0.205	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.977	1	A
Endrin	ND		ug/kg	0.723	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.619	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.723	0.344	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	ND		ug/kg	2.17	0.605	1	A
trans-Chlordane	ND		ug/kg	2.17	0.573	1	A
Chlordane	ND		ug/kg	14.5	5.75	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-06
Client ID: RI-SB-05 (1-1.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-07
Client ID: RI-SB-05 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 10:39
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND	IP	ug/kg	1.71	0.441	1	B
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	1.00	1	A
Toxaphene	ND		ug/kg	32.1	9.00	1	A
cis-Chlordane	ND		ug/kg	2.14	0.597	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-07
Client ID: RI-SB-05 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-08
Client ID: RI-SB-05 (14.5-15)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 10:50
Analyst: EJL
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.909	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND	IP	ug/kg	1.82	0.468	1	B
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	ND		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	ND		ug/kg	2.27	0.600	1	A
Chlordane	ND		ug/kg	15.1	6.02	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-08
Client ID: RI-SB-05 (14.5-15)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-09
Client ID: RI-SB-04 (0.5-1)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 11:02
Analyst: EJJ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.701	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND	IP	ug/kg	1.68	0.433	1	B
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.15	0.981	1	A
Toxaphene	ND		ug/kg	31.5	8.83	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-09
Client ID: RI-SB-04 (0.5-1)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-10
Client ID: RI-SB-04 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 11:13
Analyst: EJJ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.761	1	A
Endrin ketone	ND	IP	ug/kg	1.74	0.448	1	B
Dieldrin	ND		ug/kg	1.09	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND		ug/kg	2.17	0.606	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-10
Client ID: RI-SB-04 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:46
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 11:25
Analyst: EJL
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.740	1	A
Endrin ketone	0.462	JIP	ug/kg	1.69	0.436	1	B
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.987	1	A
Toxaphene	ND		ug/kg	31.7	8.89	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-11
Client ID: RI-SB-04 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 09:47
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-12
Client ID: RI-SB-09 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 11:36
Analyst: EJL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.822	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.925	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	0.436	JIP	ug/kg	1.64	0.424	1	B
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.959	1	A
Toxaphene	ND		ug/kg	30.8	8.63	1	A
cis-Chlordane	ND		ug/kg	2.06	0.573	1	A
trans-Chlordane	ND		ug/kg	2.06	0.543	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-12
Client ID: RI-SB-09 (7.5-8)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:30
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-13
Client ID: RI-SB-09 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 11:48
Analyst: EJL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:57
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.966	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	0.618	JIP	ug/kg	1.72	0.442	1	B
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	ND		ug/kg	2.15	0.598	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.3	5.69	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-13
Client ID: RI-SB-09 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:31
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-14
 Client ID: RI-SB-09 (13.5-14)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 09/19/23 11:59
 Analyst: EJL
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 19:58
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.951	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.740	1	A
Endrin ketone	0.534	JIP	ug/kg	1.69	0.435	1	B
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.589	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-14
Client ID: RI-SB-09 (13.5-14)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:32
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-15
Client ID: RI-SB-09 (16.5-17)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 12:10
Analyst: EJL
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 19:58
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.211	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.782	1	A
Endrin ketone	0.569	JIP	ug/kg	1.79	0.460	1	B
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.79	0.413	1	A
4,4'-DDD	ND		ug/kg	1.79	0.637	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.38	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353845-15
Client ID: RI-SB-09 (16.5-17)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/14/23 12:33
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/18/23 15:19
 Analyst: EJJ

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 19:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03,05-15 Batch: WG1828117-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.764	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.955	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.545	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.891	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/18/23 15:19
 Analyst: EJJ

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 19:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03,05-15 Batch: WG1828117-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,05-15 Batch: WG1828117-2 WG1828117-3									
Delta-BHC	70		77		30-150	10		30	A
Lindane	63		71		30-150	12		30	A
Alpha-BHC	66		76		30-150	14		30	A
Beta-BHC	74		76		30-150	3		30	A
Heptachlor	62		67		30-150	8		30	A
Aldrin	63		71		30-150	12		30	A
Heptachlor epoxide	61		69		30-150	12		30	A
Endrin	64		70		30-150	9		30	A
Endrin aldehyde	50		51		30-150	2		30	A
Endrin ketone	70		73		30-150	4		30	A
Dieldrin	70		76		30-150	8		30	A
4,4'-DDE	64		71		30-150	10		30	A
4,4'-DDD	70		77		30-150	10		30	A
4,4'-DDT	67		73		30-150	9		30	A
Endosulfan I	62		65		30-150	5		30	A
Endosulfan II	67		72		30-150	7		30	A
Endosulfan sulfate	65		69		30-150	6		30	A
Methoxychlor	61		64		30-150	5		30	A
cis-Chlordane	67		75		30-150	11		30	A
trans-Chlordane	73		80		30-150	9		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,05-15 Batch: WG1828117-2 WG1828117-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		67		30-150	A
Decachlorobiphenyl	73		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		64		30-150	B
Decachlorobiphenyl	71		79		30-150	B

METALS

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-01

Date Collected: 09/14/23 14:30

Client ID: RI-SB-10 (1.5-2)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	8.18	2.21	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.09	0.311	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.56		mg/kg	0.818	0.170	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Barium, Total	97.6		mg/kg	0.818	0.142	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.345	J	mg/kg	0.409	0.027	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.818	0.080	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Calcium, Total	2400		mg/kg	8.18	2.86	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Chromium, Total	17.9		mg/kg	0.818	0.079	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.68		mg/kg	1.64	0.136	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Copper, Total	15.4		mg/kg	0.818	0.211	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Iron, Total	18000		mg/kg	4.09	0.739	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Lead, Total	6.10		mg/kg	4.09	0.219	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Magnesium, Total	4200		mg/kg	8.18	1.26	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Manganese, Total	335		mg/kg	0.818	0.130	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.047	1	09/15/23 22:35	09/19/23 13:32	EPA 7471B	1,7471B	GMG
Nickel, Total	13.4		mg/kg	2.04	0.198	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Potassium, Total	3600		mg/kg	204	11.8	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.64	0.211	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.409	0.232	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Sodium, Total	88.8	J	mg/kg	164	2.58	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Thallium, Total	2.66		mg/kg	1.64	0.258	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Vanadium, Total	25.7		mg/kg	0.818	0.166	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL
Zinc, Total	35.9		mg/kg	4.09	0.240	2	09/15/23 21:48	09/17/23 13:47	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-02

Date Collected: 09/14/23 14:31

Client ID: RI-SB-10 (9.5.10)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16400		mg/kg	8.44	2.28	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.22	0.321	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.60		mg/kg	0.844	0.176	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Barium, Total	190		mg/kg	0.844	0.147	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.556		mg/kg	0.422	0.028	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.844	0.083	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Calcium, Total	10000		mg/kg	8.44	2.96	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Chromium, Total	30.6		mg/kg	0.844	0.081	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.74		mg/kg	1.69	0.140	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Copper, Total	33.4		mg/kg	0.844	0.218	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Iron, Total	28400		mg/kg	4.22	0.762	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Lead, Total	9.83		mg/kg	4.22	0.226	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Magnesium, Total	9750		mg/kg	8.44	1.30	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Manganese, Total	266		mg/kg	0.844	0.134	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.070	0.046	1	09/15/23 22:35	09/19/23 13:52	EPA 7471B	1,7471B	GMG
Nickel, Total	22.1		mg/kg	2.11	0.204	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Potassium, Total	8480		mg/kg	211	12.2	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.69	0.218	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Silver, Total	0.242	J	mg/kg	0.422	0.239	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Sodium, Total	142	J	mg/kg	169	2.66	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Thallium, Total	6.30		mg/kg	1.69	0.266	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Vanadium, Total	41.8		mg/kg	0.844	0.171	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL
Zinc, Total	63.2		mg/kg	4.22	0.247	2	09/15/23 21:48	09/17/23 13:37	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-03

Date Collected: 09/14/23 00:00

Client ID: DUP_20230914

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11900		mg/kg	8.58	2.32	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.29	0.326	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.48		mg/kg	0.858	0.178	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Barium, Total	137		mg/kg	0.858	0.149	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.408	J	mg/kg	0.429	0.028	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.858	0.084	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Calcium, Total	2320		mg/kg	8.58	3.00	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Chromium, Total	21.3		mg/kg	0.858	0.082	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.41		mg/kg	1.72	0.142	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Copper, Total	16.6		mg/kg	0.858	0.221	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Iron, Total	19400		mg/kg	4.29	0.775	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Lead, Total	5.80		mg/kg	4.29	0.230	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Magnesium, Total	5150		mg/kg	8.58	1.32	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Manganese, Total	289		mg/kg	0.858	0.136	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.080	0.052	1	09/15/23 22:35	09/19/23 13:55	EPA 7471B	1,7471B	GMG
Nickel, Total	15.0		mg/kg	2.15	0.208	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Potassium, Total	5480		mg/kg	215	12.4	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.72	0.221	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.429	0.243	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Sodium, Total	253		mg/kg	172	2.70	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Thallium, Total	3.69		mg/kg	1.72	0.270	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.6		mg/kg	0.858	0.174	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL
Zinc, Total	44.5		mg/kg	4.29	0.252	2	09/15/23 21:48	09/17/23 13:40	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-05

Date Collected: 09/14/23 09:36

Client ID: RI-SB-10 (10.0-10.5)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	8.83	2.38	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.42	0.336	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.09		mg/kg	0.883	0.184	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Barium, Total	150		mg/kg	0.883	0.154	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.441	J	mg/kg	0.442	0.029	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.883	0.087	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Calcium, Total	10700		mg/kg	8.83	3.09	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Chromium, Total	22.8		mg/kg	0.883	0.085	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.17		mg/kg	1.77	0.147	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Copper, Total	19.0		mg/kg	0.883	0.228	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Iron, Total	21200		mg/kg	4.42	0.798	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Lead, Total	7.54		mg/kg	4.42	0.237	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Magnesium, Total	8510		mg/kg	8.83	1.36	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Manganese, Total	350		mg/kg	0.883	0.140	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/15/23 22:35	09/19/23 13:59	EPA 7471B	1,7471B	GMG
Nickel, Total	17.3		mg/kg	2.21	0.214	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Potassium, Total	6000		mg/kg	221	12.7	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.77	0.228	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.442	0.250	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Sodium, Total	257		mg/kg	177	2.78	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Thallium, Total	4.12		mg/kg	1.77	0.278	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.9		mg/kg	0.883	0.179	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL
Zinc, Total	48.2		mg/kg	4.42	0.259	2	09/15/23 21:48	09/17/23 13:44	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-06

Date Collected: 09/14/23 09:30

Client ID: RI-SB-05 (1-1.5)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.51	2.30	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.25	0.323	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.12		mg/kg	0.851	0.177	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Barium, Total	128		mg/kg	0.851	0.148	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.205	J	mg/kg	0.425	0.028	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.851	0.083	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Calcium, Total	1250		mg/kg	8.51	2.98	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Chromium, Total	78.3		mg/kg	0.851	0.082	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.44		mg/kg	1.70	0.141	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Copper, Total	24.9		mg/kg	0.851	0.219	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Iron, Total	25000		mg/kg	4.25	0.768	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Lead, Total	29.1		mg/kg	4.25	0.228	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Magnesium, Total	8000		mg/kg	8.51	1.31	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Manganese, Total	278		mg/kg	0.851	0.135	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Mercury, Total	0.107		mg/kg	0.072	0.047	1	09/15/23 22:35	09/19/23 14:02	EPA 7471B	1,7471B	GMG
Nickel, Total	51.2		mg/kg	2.13	0.206	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Potassium, Total	8920		mg/kg	213	12.2	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Silver, Total	0.254	J	mg/kg	0.425	0.241	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Sodium, Total	115	J	mg/kg	170	2.68	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Thallium, Total	8.66		mg/kg	1.70	0.268	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Vanadium, Total	58.3		mg/kg	0.851	0.173	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL
Zinc, Total	128		mg/kg	4.25	0.249	2	09/15/23 21:48	09/17/23 14:33	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-07

Date Collected: 09/14/23 09:31

Client ID: RI-SB-05 (9-9.5)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12900		mg/kg	8.43	2.28	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.22	0.320	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.42		mg/kg	0.843	0.175	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Barium, Total	144		mg/kg	0.843	0.147	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.403	J	mg/kg	0.422	0.028	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.843	0.083	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Calcium, Total	2340		mg/kg	8.43	2.95	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Chromium, Total	22.2		mg/kg	0.843	0.081	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.67		mg/kg	1.69	0.140	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Copper, Total	17.3		mg/kg	0.843	0.218	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Iron, Total	23000		mg/kg	4.22	0.762	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Lead, Total	7.05		mg/kg	4.22	0.226	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Magnesium, Total	5790		mg/kg	8.43	1.30	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Manganese, Total	251		mg/kg	0.843	0.134	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	09/15/23 22:35	09/19/23 14:05	EPA 7471B	1,7471B	GMG
Nickel, Total	16.6		mg/kg	2.11	0.204	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Potassium, Total	6140		mg/kg	211	12.1	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.69	0.218	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Silver, Total	0.244	J	mg/kg	0.422	0.239	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Sodium, Total	286		mg/kg	169	2.66	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Thallium, Total	4.19		mg/kg	1.69	0.266	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Vanadium, Total	33.1		mg/kg	0.843	0.171	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL
Zinc, Total	49.2		mg/kg	4.22	0.247	2	09/15/23 21:48	09/17/23 14:37	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-08

Date Collected: 09/14/23 09:32

Client ID: RI-SB-05 (14.5-15)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13700		mg/kg	8.60	2.32	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.30	0.327	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.90		mg/kg	0.860	0.179	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Barium, Total	158		mg/kg	0.860	0.150	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.454		mg/kg	0.430	0.028	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.860	0.084	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Calcium, Total	9940		mg/kg	8.60	3.01	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Chromium, Total	24.1		mg/kg	0.860	0.083	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.88		mg/kg	1.72	0.143	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Copper, Total	20.8		mg/kg	0.860	0.222	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Iron, Total	22700		mg/kg	4.30	0.777	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Lead, Total	9.47		mg/kg	4.30	0.230	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Magnesium, Total	8740		mg/kg	8.60	1.32	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Manganese, Total	194		mg/kg	0.860	0.137	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/15/23 22:35	09/19/23 14:09	EPA 7471B	1,7471B	GMG
Nickel, Total	17.2		mg/kg	2.15	0.208	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Potassium, Total	6990		mg/kg	215	12.4	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.430	0.243	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Sodium, Total	150	J	mg/kg	172	2.71	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Thallium, Total	4.84		mg/kg	1.72	0.271	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Vanadium, Total	33.4		mg/kg	0.860	0.175	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL
Zinc, Total	53.0		mg/kg	4.30	0.252	2	09/15/23 21:48	09/17/23 14:40	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-09

Date Collected: 09/14/23 09:45

Client ID: RI-SB-04 (0.5-1)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13100		mg/kg	8.48	2.29	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.24	0.322	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.76		mg/kg	0.848	0.176	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Barium, Total	148		mg/kg	0.848	0.148	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.406	J	mg/kg	0.424	0.028	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.848	0.083	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Calcium, Total	4050		mg/kg	8.48	2.97	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Chromium, Total	21.0		mg/kg	0.848	0.081	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.21		mg/kg	1.70	0.141	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Copper, Total	18.0		mg/kg	0.848	0.219	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Iron, Total	20700		mg/kg	4.24	0.766	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Lead, Total	7.03		mg/kg	4.24	0.227	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Magnesium, Total	8910		mg/kg	8.48	1.31	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Manganese, Total	319		mg/kg	0.848	0.135	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/15/23 22:35	09/19/23 14:12	EPA 7471B	1,7471B	GMG
Nickel, Total	15.9		mg/kg	2.12	0.205	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Potassium, Total	5750		mg/kg	212	12.2	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.424	0.240	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Sodium, Total	176		mg/kg	170	2.67	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Thallium, Total	4.02		mg/kg	1.70	0.267	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.1		mg/kg	0.848	0.172	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL
Zinc, Total	51.9		mg/kg	4.24	0.248	2	09/15/23 21:48	09/17/23 14:43	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-10

Date Collected: 09/14/23 09:46

Client ID: RI-SB-04 (7.5-8)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12900		mg/kg	8.72	2.36	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.36	0.332	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.83		mg/kg	0.872	0.182	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Barium, Total	149		mg/kg	0.872	0.152	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.402	J	mg/kg	0.436	0.029	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.872	0.086	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Calcium, Total	2540		mg/kg	8.72	3.05	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Chromium, Total	23.6		mg/kg	0.872	0.084	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.50		mg/kg	1.74	0.145	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Copper, Total	18.9		mg/kg	0.872	0.225	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Iron, Total	22000		mg/kg	4.36	0.788	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Lead, Total	6.19		mg/kg	4.36	0.234	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	5910		mg/kg	8.72	1.34	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Manganese, Total	302		mg/kg	0.872	0.139	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.079	0.051	1	09/15/23 22:35	09/19/23 14:27	EPA 7471B	1,7471B	GMG
Nickel, Total	17.9		mg/kg	2.18	0.211	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Potassium, Total	6140		mg/kg	218	12.6	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Selenium, Total	0.246	J	mg/kg	1.74	0.225	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Silver, Total	0.268	J	mg/kg	0.436	0.247	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Sodium, Total	179		mg/kg	174	2.75	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Thallium, Total	4.29		mg/kg	1.74	0.275	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	33.5		mg/kg	0.872	0.177	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL
Zinc, Total	50.6		mg/kg	4.36	0.256	2	09/15/23 21:48	09/17/23 14:46	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-11

Date Collected: 09/14/23 09:47

Client ID: RI-SB-04 (12.5-13)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14800		mg/kg	8.74	2.36	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.37	0.332	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.28		mg/kg	0.874	0.182	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Barium, Total	180		mg/kg	0.874	0.152	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.426	J	mg/kg	0.437	0.029	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.874	0.086	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Calcium, Total	9400		mg/kg	8.74	3.06	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Chromium, Total	27.8		mg/kg	0.874	0.084	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Cobalt, Total	10.6		mg/kg	1.75	0.145	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Copper, Total	20.8		mg/kg	0.874	0.226	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Iron, Total	25100		mg/kg	4.37	0.790	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Lead, Total	7.09		mg/kg	4.37	0.234	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Magnesium, Total	9100		mg/kg	8.74	1.35	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Manganese, Total	282		mg/kg	0.874	0.139	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/15/23 22:35	09/19/23 14:30	EPA 7471B	1,7471B	GMG
Nickel, Total	20.1		mg/kg	2.18	0.212	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Potassium, Total	7480		mg/kg	218	12.6	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.75	0.226	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Silver, Total	0.249	J	mg/kg	0.437	0.247	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Sodium, Total	175		mg/kg	175	2.75	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Thallium, Total	5.42		mg/kg	1.75	0.275	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Vanadium, Total	38.6		mg/kg	0.874	0.178	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL
Zinc, Total	55.4		mg/kg	4.37	0.256	2	09/15/23 21:48	09/17/23 14:50	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-12

Date Collected: 09/14/23 12:30

Client ID: RI-SB-09 (7.5-8)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	8.19	2.21	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.09	0.311	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.23		mg/kg	0.819	0.170	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Barium, Total	308		mg/kg	0.819	0.142	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.372	J	mg/kg	0.409	0.027	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.819	0.080	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Calcium, Total	6920		mg/kg	8.19	2.87	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Chromium, Total	21.7		mg/kg	0.819	0.079	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Cobalt, Total	9.76		mg/kg	1.64	0.136	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Copper, Total	17.8		mg/kg	0.819	0.211	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Iron, Total	21300		mg/kg	4.09	0.740	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Lead, Total	4.80		mg/kg	4.09	0.219	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Magnesium, Total	7430		mg/kg	8.19	1.26	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Manganese, Total	1900		mg/kg	0.819	0.130	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/15/23 22:35	09/19/23 14:33	EPA 7471B	1,7471B	GMG
Nickel, Total	16.7		mg/kg	2.05	0.198	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Potassium, Total	6630		mg/kg	205	11.8	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.64	0.211	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.409	0.232	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Sodium, Total	122	J	mg/kg	164	2.58	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Thallium, Total	2.54		mg/kg	1.64	0.258	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.3		mg/kg	0.819	0.166	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL
Zinc, Total	45.7		mg/kg	4.09	0.240	2	09/15/23 21:48	09/17/23 14:53	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-13

Date Collected: 09/14/23 12:31

Client ID: RI-SB-09 (4.5-5)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12600		mg/kg	8.53	2.30	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.26	0.324	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.07		mg/kg	0.853	0.177	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Barium, Total	155		mg/kg	0.853	0.148	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.397	J	mg/kg	0.426	0.028	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.853	0.084	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Calcium, Total	8580		mg/kg	8.53	2.98	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Chromium, Total	22.2		mg/kg	0.853	0.082	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.67		mg/kg	1.70	0.142	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Copper, Total	16.8		mg/kg	0.853	0.220	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Iron, Total	21500		mg/kg	4.26	0.770	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Lead, Total	5.63		mg/kg	4.26	0.228	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Magnesium, Total	7500		mg/kg	8.53	1.31	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Manganese, Total	222		mg/kg	0.853	0.136	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/15/23 22:35	09/19/23 14:37	EPA 7471B	1,7471B	GMG
Nickel, Total	15.4		mg/kg	2.13	0.206	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Potassium, Total	6220		mg/kg	213	12.3	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.70	0.220	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Silver, Total	0.273	J	mg/kg	0.426	0.241	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Sodium, Total	160	J	mg/kg	170	2.69	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Thallium, Total	4.00		mg/kg	1.70	0.269	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Vanadium, Total	31.8		mg/kg	0.853	0.173	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL
Zinc, Total	43.4		mg/kg	4.26	0.250	2	09/15/23 21:48	09/17/23 14:56	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-14

Date Collected: 09/14/23 12:32

Client ID: RI-SB-09 (13.5-14)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	8.49	2.29	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.25	0.323	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.02		mg/kg	0.849	0.177	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Barium, Total	163		mg/kg	0.849	0.148	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.376	J	mg/kg	0.425	0.028	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.849	0.083	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Calcium, Total	7020		mg/kg	8.49	2.97	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Chromium, Total	24.2		mg/kg	0.849	0.082	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.69		mg/kg	1.70	0.141	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Copper, Total	19.4		mg/kg	0.849	0.219	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Iron, Total	22500		mg/kg	4.25	0.767	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Lead, Total	5.71		mg/kg	4.25	0.228	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Magnesium, Total	7870		mg/kg	8.49	1.31	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Manganese, Total	247		mg/kg	0.849	0.135	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.070	0.046	1	09/15/23 22:35	09/19/23 14:40	EPA 7471B	1,7471B	GMG
Nickel, Total	17.2		mg/kg	2.12	0.206	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Potassium, Total	6950		mg/kg	212	12.2	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Silver, Total	0.272	J	mg/kg	0.425	0.240	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Sodium, Total	127	J	mg/kg	170	2.68	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Thallium, Total	4.61		mg/kg	1.70	0.268	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Vanadium, Total	32.0		mg/kg	0.849	0.172	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL
Zinc, Total	48.9		mg/kg	4.25	0.249	2	09/15/23 21:48	09/17/23 14:59	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353845-15

Date Collected: 09/14/23 12:33

Client ID: RI-SB-09 (16.5-17)

Date Received: 09/14/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9120		mg/kg	9.00	2.43	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.50	0.342	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.46		mg/kg	0.900	0.187	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Barium, Total	104		mg/kg	0.900	0.157	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.268	J	mg/kg	0.450	0.030	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.900	0.088	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Calcium, Total	9170		mg/kg	9.00	3.15	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Chromium, Total	18.7		mg/kg	0.900	0.086	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.28		mg/kg	1.80	0.149	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Copper, Total	15.9		mg/kg	0.900	0.232	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Iron, Total	17100		mg/kg	4.50	0.813	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Lead, Total	5.48		mg/kg	4.50	0.241	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Magnesium, Total	6580		mg/kg	9.00	1.39	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Manganese, Total	236		mg/kg	0.900	0.143	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/15/23 22:35	09/19/23 14:43	EPA 7471B	1,7471B	GMG
Nickel, Total	13.3		mg/kg	2.25	0.218	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Potassium, Total	4200		mg/kg	225	13.0	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.80	0.232	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.450	0.255	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Sodium, Total	111	J	mg/kg	180	2.84	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Thallium, Total	2.59		mg/kg	1.80	0.284	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Vanadium, Total	21.9		mg/kg	0.900	0.183	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL
Zinc, Total	36.4		mg/kg	4.50	0.264	2	09/15/23 21:48	09/17/23 15:03	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05-15 Batch: WG1827997-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Iron, Total	ND		mg/kg	2.00	0.361	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Sodium, Total	1.59	J	mg/kg	80.0	1.26	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/15/23 21:48	09/17/23 13:31	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05-15 Batch: WG1827998-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/15/23 22:35	09/19/23 13:26	1,7471B	GMG



Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 Batch: WG1827997-2 SRM Lot Number: D119-540								
Aluminum, Total	85		-		48-152	-		
Antimony, Total	128		-		10-190	-		
Arsenic, Total	103		-		83-117	-		
Barium, Total	106		-		82-118	-		
Beryllium, Total	108		-		83-117	-		
Cadmium, Total	97		-		82-117	-		
Calcium, Total	102		-		81-118	-		
Chromium, Total	104		-		82-119	-		
Cobalt, Total	102		-		83-117	-		
Copper, Total	102		-		84-116	-		
Iron, Total	114		-		60-140	-		
Lead, Total	105		-		82-118	-		
Magnesium, Total	92		-		76-124	-		
Manganese, Total	103		-		82-118	-		
Nickel, Total	102		-		82-117	-		
Potassium, Total	92		-		70-130	-		
Selenium, Total	105		-		79-121	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	105		-		74-126	-		
Thallium, Total	106		-		81-119	-		
Vanadium, Total	100		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 Batch: WG1827997-2 SRM Lot Number: D119-540					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 Batch: WG1827998-2 SRM Lot Number: D119-540					
Mercury, Total	112	-	73-127	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827997-3 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)												
Aluminum, Total	10700	173	10900	116		-	-		75-125	-		20
Antimony, Total	ND	43.2	37.1	86		-	-		75-125	-		20
Arsenic, Total	1.56	10.4	13.9	119		-	-		75-125	-		20
Barium, Total	97.6	173	265	97		-	-		75-125	-		20
Beryllium, Total	0.345J	4.32	4.64	107		-	-		75-125	-		20
Cadmium, Total	ND	4.58	3.86	84		-	-		75-125	-		20
Calcium, Total	2400	864	3050	75		-	-		75-125	-		20
Chromium, Total	17.9	17.3	33.3	89		-	-		75-125	-		20
Cobalt, Total	6.68	43.2	46.6	92		-	-		75-125	-		20
Copper, Total	15.4	21.6	36.4	97		-	-		75-125	-		20
Iron, Total	18000	86.4	17500	0	Q	-	-		75-125	-		20
Lead, Total	6.10	45.8	58.0	113		-	-		75-125	-		20
Magnesium, Total	4200	864	4820	72	Q	-	-		75-125	-		20
Manganese, Total	335	43.2	359	56	Q	-	-		75-125	-		20
Nickel, Total	13.4	43.2	52.7	91		-	-		75-125	-		20
Potassium, Total	3600	864	4340	86		-	-		75-125	-		20
Selenium, Total	ND	10.4	12.6	122		-	-		75-125	-		20
Silver, Total	ND	4.32	4.41	102		-	-		75-125	-		20
Sodium, Total	88.8J	864	982	114		-	-		75-125	-		20
Thallium, Total	2.66	10.4	14.2	111		-	-		75-125	-		20
Vanadium, Total	25.7	43.2	65.6	92		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827997-3 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)									
Zinc, Total	35.9	43.2	74.6	90	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827998-3 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)									
Mercury, Total	ND	1.54	1.59	103	-	-	80-120	-	20

Lab Duplicate Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060 / PHASE 7

Lab Number: L2353845

Report Date: 09/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827997-4 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)						
Aluminum, Total	10700	10600	mg/kg	1		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.56	1.83	mg/kg	16		20
Barium, Total	97.6	96.4	mg/kg	1		20
Beryllium, Total	0.345J	0.334J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	2400	2240	mg/kg	7		20
Chromium, Total	17.9	16.9	mg/kg	6		20
Cobalt, Total	6.68	6.48	mg/kg	3		20
Copper, Total	15.4	15.7	mg/kg	2		20
Iron, Total	18000	18000	mg/kg	0		20
Lead, Total	6.10	6.34	mg/kg	4		20
Magnesium, Total	4200	3920	mg/kg	7		20
Manganese, Total	335	321	mg/kg	4		20
Nickel, Total	13.4	12.7	mg/kg	5		20
Potassium, Total	3600	3610	mg/kg	0		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	88.8J	85.7J	mg/kg	NC		20

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2353845
Report Date: 09/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827997-4 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)					
Thallium, Total	2.66	2.77	mg/kg	4	20
Vanadium, Total	25.7	24.7	mg/kg	4	20
Zinc, Total	35.9	37.8	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827998-4 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2353845
Report Date: 09/27/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827997-6 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)						
Aluminum, Total	10700	11600	mg/kg	8		20
Barium, Total	97.6	105	mg/kg	8		20
Calcium, Total	2400	2640	mg/kg	10		20
Iron, Total	18000	21000	mg/kg	17		20
Magnesium, Total	4200	4630	mg/kg	10		20
Manganese, Total	335	370	mg/kg	10		20
Vanadium, Total	25.7	27.8	mg/kg	8		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-01**Date Collected:** 09/14/23 14:30**Client ID:** RI-SB-10 (1.5-2)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 04:00	09/19/23 17:01	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-02**Date Collected:** 09/14/23 14:31**Client ID:** RI-SB-10 (9.5.10)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 04:00	09/19/23 17:04	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-03**Date Collected:** 09/14/23 00:00**Client ID:** DUP_20230914**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 04:00	09/19/23 17:07	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-05**Date Collected:** 09/14/23 09:36**Client ID:** RI-SB-10 (10.0-10.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/19/23 04:00	09/19/23 17:08	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-06**Date Collected:** 09/14/23 09:30**Client ID:** RI-SB-05 (1-1.5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/19/23 04:00	09/19/23 17:09	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Project Number:** 12060 / PHASE 7**Lab Number:** L2353845**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-07**Client ID:** RI-SB-05 (9-9.5)**Sample Location:** 136-140 OSSINING, NY**Date Collected:** 09/14/23 09:31**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 04:00	09/19/23 17:10	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-08**Date Collected:** 09/14/23 09:32**Client ID:** RI-SB-05 (14.5-15)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 04:00	09/19/23 17:11	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-09**Date Collected:** 09/14/23 09:45**Client ID:** RI-SB-04 (0.5-1)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 04:00	09/19/23 17:12	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-10**Date Collected:** 09/14/23 09:46**Client ID:** RI-SB-04 (7.5-8)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 04:00	09/19/23 17:13	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-11**Date Collected:** 09/14/23 09:47**Client ID:** RI-SB-04 (12.5-13)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/19/23 04:00	09/19/23 17:24	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-12**Date Collected:** 09/14/23 12:30**Client ID:** RI-SB-09 (7.5-8)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/19/23 04:00	09/19/23 17:25	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-13**Date Collected:** 09/14/23 12:31**Client ID:** RI-SB-09 (4.5-5)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 04:00	09/19/23 17:27	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-14**Date Collected:** 09/14/23 12:32**Client ID:** RI-SB-09 (13.5-14)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 04:00	09/19/23 17:28	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**SAMPLE RESULTS****Lab ID:** L2353845-15**Date Collected:** 09/14/23 12:33**Client ID:** RI-SB-09 (16.5-17)**Date Received:** 09/14/23**Sample Location:** 136-140 OSSINING, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	09/15/23 11:59	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/19/23 04:00	09/19/23 17:29	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03,05-10 Batch: WG1828943-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	09/19/23 04:00	09/19/23 16:43	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 11-15 Batch: WG1828944-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	09/19/23 04:00	09/19/23 17:15	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY STATION**Project Number:** 12060 / PHASE 7**Lab Number:** L2353845**Report Date:** 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,05-10 Batch: WG1828943-2 WG1828943-3								
Cyanide, Total	138	Q	143	Q	80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 11-15 Batch: WG1828944-2 WG1828944-3								
Cyanide, Total	105		62	Q	80-120	51	Q	35

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Lab Number: L2353845

Project Number: 12060 / PHASE 7

Report Date: 09/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,05-10 QC Batch ID: WG1828943-4 WG1828943-5 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)												
Cyanide, Total	ND	10	14	140	Q	14	130	Q	75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 11-15 QC Batch ID: WG1828944-4 WG1828944-5 QC Sample: L2352261-01 Client ID: MS Sample												
Cyanide, Total	ND	11	16	140	Q	15	130	Q	75-125	6		35

Lab Duplicate Analysis
*Batch Quality Control***Project Name:** SUN VALLEY NURSERY STATION**Project Number:** 12060 / PHASE 7**Lab Number:** L2353845**Report Date:** 09/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,05-15 QC Batch ID: WG1827932-1 QC Sample: L2353845-01 Client ID: RI-SB-10 (1.5-2)						
Solids, Total	92.1	92.4	%	0		20

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-01A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-01B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-01C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-01D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-01E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2353845-01G	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-01H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-01X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-01Y	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-01Z	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-02A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-02B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-02C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-02D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-02E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-02G	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-02H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-02X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-02Y	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-02Z	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-03A	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-03B	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-03C	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-03D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-03E	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-03F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180)
L2353845-03G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-03H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-03X	Vial MeOH preserved split	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-03Y	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-03Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-04A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2353845-04B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L2353845-05A	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-05B	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-05C	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-05D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-05E	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-05F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),MN-Ti(180),NA-Ti(180),K-Ti(180),CD-Ti(180),CA-Ti(180)
L2353845-05G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-05H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-05X	Vial MeOH preserved split	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-05Y	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-05Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-06A	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-06B	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-06C	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-06D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-06E	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-06F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2353845-06G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-06H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-06X	Vial MeOH preserved split	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-06Y	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-06Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-07A	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-07B	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-07C	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-07D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-07E	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-07F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180)
L2353845-07G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-07H	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-07X	Vial MeOH preserved split	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-07Y	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-07Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-08A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-08B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-08C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-08D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-08E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-08F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180)
L2353845-08G	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-08H	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-08X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-08Y	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-08Z	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-09A	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-09B	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-09C	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-09D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-09E	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-09F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180)
L2353845-09G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-09H	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-09X	Vial MeOH preserved split	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-09Y	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-09Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-10A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-10B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-10C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-10D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-10E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-10F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2353845-10G	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-10H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-10X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-10Y	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-10Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-11A	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-11B	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-11C	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-11D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-11E	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2353845**Project Number:** 12060 / PHASE 7**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-11F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),CU-Ti(180),SE-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2353845-11G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-11H	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-11X	Vial MeOH preserved split	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-11Y	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-11Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-12A	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-12B	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-12C	5 gram Encore Sampler	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-12D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-12E	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-12F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),PB-Ti(180),CU-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2353845-12G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-12H	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-12X	Vial MeOH preserved split	B	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2353845-12Y	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-12Z	Vial Water preserved split	B	NA		3.6	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-13A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-13B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-13C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-13D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2353845-13E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Serial_No:09272316:39
Lab Number: L2353845
Report Date: 09/27/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-13F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),ZN-Ti(180),SB-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180)
L2353845-13G	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-13H	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-13X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-13Y	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-13Z	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-14A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-14B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-14C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-14D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-14E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-14F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2353845-14G	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-14H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-14X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-14Y	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-14Z	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-15A	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-15B	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-15C	5 gram Encore Sampler	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-15D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2353845-15E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Serial_No: 09272316:39
Lab Number: L2353845
Report Date: 09/27/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353845-15F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2353845-15G	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2353845-15H	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2353845-15X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2353845-15Y	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)
L2353845-15Z	Vial Water preserved split	A	NA		2.2	Y	Absent	15-SEP-23 12:52	NYTCL-8260HLW(14)

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Serial_No:09272316:39
Lab Number: L2353845
Report Date: 09/27/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSA's)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEEA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Serial_No:09272316:39
Lab Number: L2353845
Report Date: 09/27/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060 / PHASE 7

Lab Number: L2353845
Report Date: 09/27/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

Page 1 of 1

Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Page 314 of 316

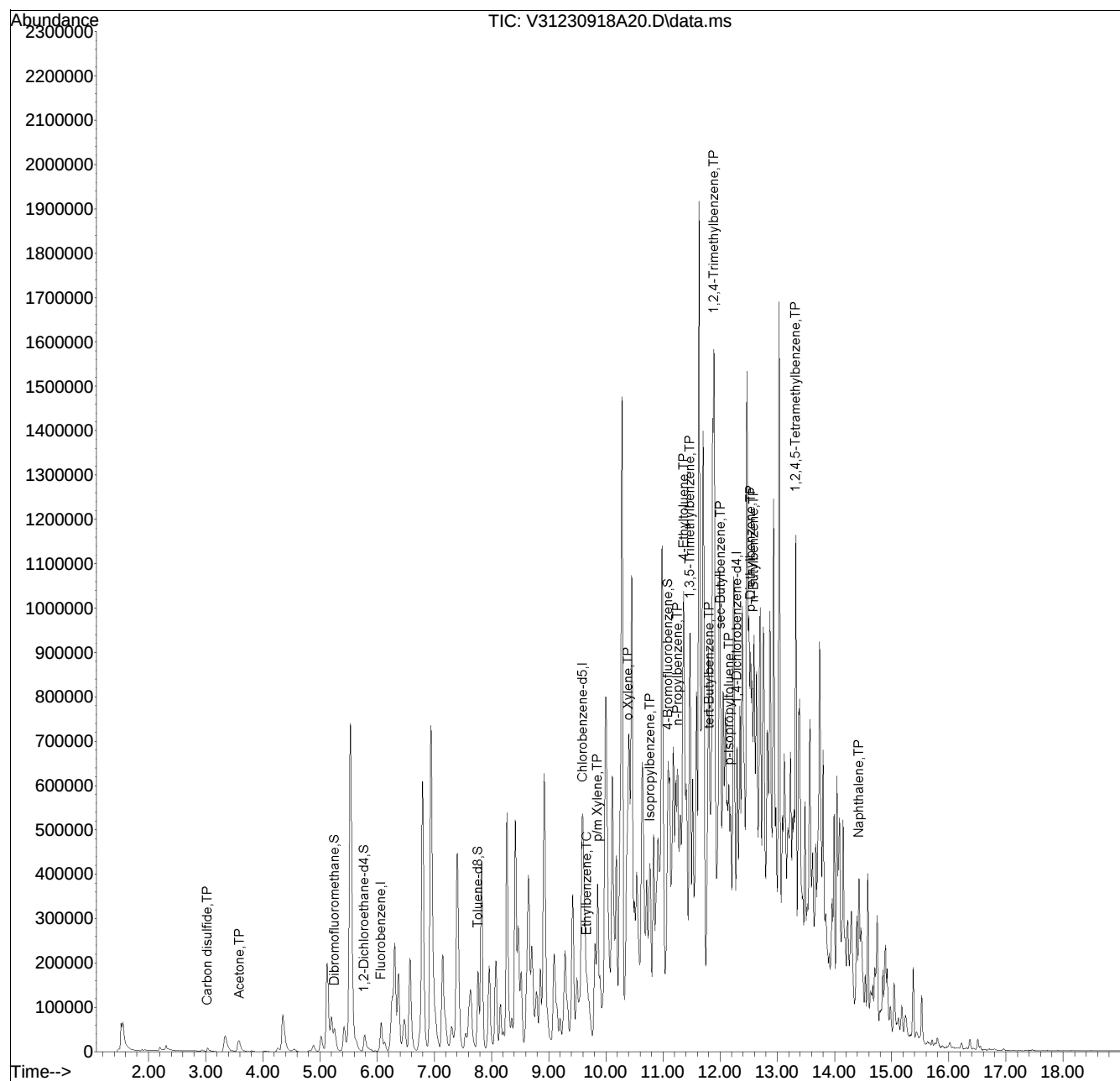
 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>2</u> of <u>2</u>		Date Rec'd in Lab <u>9/15/23</u>		ALPHA Job # <u>L2353845</u>		
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Sun Valley, Kings Station</u> Project Location: <u>136-140 Ossining Ny</u> Project # <u>12060 Phase 7</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		
Client Information Client: <u>SESI</u> Address: <u>450 Rt 46 300</u> <u>Parsippany NJ</u> Phone: <u>973 808 9050</u> Fax: Email: <u>Monica.Natoro@sesi.com</u>		Project Manager: <u>James Vander Vliet</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Billing Information ☐ Same as Client Info PO #			
Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:		Other project specific requirements/comments: <u>use time and sample names on the COC.</u>		ANALYSIS <u>TCU+30/TAL</u> <u>PFFAS (Method 505)</u> <u>14 Dioxane</u>		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)			
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
<u>53845-06</u>		<u>RI-SB-5 (1-15)</u>		<u>9/14/23 9:30</u>		<u>S</u>		<u>RR</u>	
<u>07</u>		<u>RI-SB-5 (2-15)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>08</u>		<u>RI-SB-5 (14.5-15)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>09</u>		<u>RI-SB-4 (0.5-1)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>10</u>		<u>RI-SB-4 (7.5-8)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>11</u>		<u>RI-SB-4 (12.5-13)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>12</u>		<u>RI-SB-9 (7.5-8)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>13</u>		<u>RI-SB-9 (4.5-5)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>14</u>		<u>RI-SB-9 (13.5-14)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
<u>15</u>		<u>RI-SB-9 (16.5-17)</u>		<u>9/14/23 9:30</u>		<u>1</u>		<u>1</u>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative	
Relinquished By: <u>Monica Natoro</u>		Date/Time: <u>9/14/23 1620</u>		Received By: <u>MAC</u>		Date/Time: <u>9/14/23 1630</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: <u>MAC</u>		Date/Time: <u>9/14/23 1920</u>		Received By: <u>MAC</u>		Date/Time: <u>9/14/23 1920</u>			
Relinquished By: <u>MAC</u>		Date/Time: <u>9/14/23</u>		Received By: <u>MAC</u>		Date/Time: <u>9/14 22:00</u>			

Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230918A\
Data File : V31230918A20.D
Acq On : 18 Sep 2023 05:16 pm
Operator : VOA131:AJK
Sample : L2353845-05,31,6.05,5,,Z
Misc : WG1829353,ICAL20244
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 19 08:52:45 2023
Quant Method : K:\VOA131\2023\230918A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox230917A01.D•





ANALYTICAL REPORT

Lab Number:	L2354249
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY FILLING STA
Project Number:	12060 / PHASE 7
Report Date:	09/29/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354249-01	RI-SB-03 (1.5-2)	SOIL	136-140 OSSINING, NY	09/15/23 09:25	09/15/23
L2354249-02	RI-SB-03 (5.5-6)	SOIL	136-140 OSSINING, NY	09/15/23 09:30	09/15/23
L2354249-03	RI-SB-03 (11.5-12)	SOIL	136-140 OSSINING, NY	09/15/23 09:35	09/15/23
L2354249-04	RI-SB-02 (4.5-5)	SOIL	136-140 OSSINING, NY	09/15/23 10:15	09/15/23
L2354249-05	RI-SB-02 (5.5-6)	SOIL	136-140 OSSINING, NY	09/15/23 10:20	09/15/23
L2354249-06	RI-SB-02 (10-10.5)	SOIL	136-140 OSSINING, NY	09/15/23 10:25	09/15/23
L2354249-07	RI-SB-02 (10.5-11)	SOIL	136-140 OSSINING, NY	09/15/23 10:30	09/15/23
L2354249-08	RI-SB-01 (2.5-3)	SOIL	136-140 OSSINING, NY	09/15/23 12:15	09/15/23
L2354249-09	RI-SB-01 (9-9.5)	SOIL	136-140 OSSINING, NY	09/15/23 12:20	09/15/23
L2354249-10	RI-SB-01 (10-10.5)	SOIL	136-140 OSSINING, NY	09/15/23 12:25	09/15/23
L2354249-11	RI-SB-01 (18.5-19)	SOIL	136-140 OSSINING, NY	09/15/23 12:30	09/15/23
L2354249-12	DUP20230915	SOIL	136-140 OSSINING, NY	09/15/23 00:00	09/15/23
L2354249-13	TB20230915	WATER	136-140 OSSINING, NY	09/15/23 00:00	09/15/23
L2354249-14	RI-SB-07 (4.5-5)	SOIL	136-140 OSSINING, NY	09/15/23 14:30	09/15/23
L2354249-15	RI-SB-07 (5.5-6)	SOIL	136-140 OSSINING, NY	09/15/23 14:35	09/15/23
L2354249-16	RI-SB-07 (12.5-13)	SOIL	136-140 OSSINING, NY	09/15/23 14:40	09/15/23
L2354249-17	RI-SB-07 (18.5-19)	SOIL	136-140 OSSINING, NY	09/15/23 14:45	09/15/23
L2354249-18	FB20230915	WATER	136-140 OSSINING, NY	09/15/23 15:00	09/15/23

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Case Narrative (continued)

Report Submission

September 29, 2023: This final report includes the results of all requested analyses.

September 22, 2023: This is a preliminary report.

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

Sample Receipt

L2354249-01 through -11 and -14 through -17: The Client IDs were changed at the client's request.

Perfluorinated Alkyl Acids by Isotope Dilution

L2354249-01RE, -02RE, -03RE, -04RE, -05RE, -06RE, -07RE, -08RE, -09RE, -10RE, -11RE, -12RE, -14RE, -15RE, -16RE, and -17RE: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.

L2354249-02RE, -07RE, -12RE, -14RE, and -17RE: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2354249-02RE, -03RE, -05RE, -06RE, -07RE, -08RE, -09RE, -10RE, -12RE, -14RE, -15RE, -16RE, and -17RE: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

Total Metals

L2354249-01 through -12 and -14 through 17: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1829208-3 MS recoveries for aluminum (294%), iron (0%), magnesium (240%), and manganese (143%), performed on L2354249-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1829208-3 MS recovery, performed on L2354249-01, is outside the acceptance criteria for calcium

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Case Narrative (continued)

(358%). A post digestion spike was performed and was within acceptance criteria.

The WG1829208-6 serial dilution analysis, associated with L2354249-01, had a %D above the acceptance criteria for iron (24%).

The WG1829551 CCV recovery, associated with L2354249-04, was above the acceptance criteria for silver. Any associated samples with positive detections were re-analyzed under a passing CCV. The samples that were non-detect for this element are reporting results from the original analyses.

Cyanide, Total

The WG1829085-2/-3 LCS/LCSD recoveries for cyanide, total (136%/131%), associated with L2354249-01 through -08, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1829092-2 LCS recovery for cyanide, total (125%), associated with L2354249-09 through -12 and -14 through -17, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

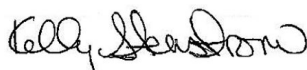
The WG1829085-4/-5 MS/MSD recoveries, performed on L2354249-01, are outside the acceptance criteria for cyanide, total (150%/150%).

The WG1829092-4/-5 MS/MSD recoveries, performed on L2354249-09, are outside the acceptance criteria for cyanide, total (150%/140%).

The WG1829604-4/-5 MS/MSD recoveries, performed on L2354249-18, are outside the acceptance criteria for cyanide, total (142%/144%); however, the associated LCS recovery is within criteria. No further action was taken.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/29/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 12:57
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.33	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	4.7	J	ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	7.66	J	ug/kg	1
Unknown	2.45	J	ug/kg	1
Unknown	5.21	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 13:24
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.62	J	ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-02
 Client ID: RI-SB-03 (5.5-6)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	2.8	J	ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	6.92	J	ug/kg	1
Unknown	4.72	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.20	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 13:51
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.51	J	ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-03
 Client ID: RI-SB-03 (11.5-12)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	0.23	J	ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	6.9	J	ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	74	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	7.13	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.17	NJ	ug/kg	1
Unknown	4.96	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 10:44
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	51	7.4	1
Chloroform	ND		ug/kg	77	7.2	1
Carbon tetrachloride	ND		ug/kg	51	12.	1
1,2-Dichloropropane	ND		ug/kg	51	6.4	1
Dibromochloromethane	ND		ug/kg	51	7.2	1
1,1,2-Trichloroethane	ND		ug/kg	51	14.	1
Tetrachloroethene	ND		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.5	1
Trichlorofluoromethane	ND		ug/kg	200	36.	1
1,2-Dichloroethane	ND		ug/kg	51	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.6	1
Bromodichloromethane	ND		ug/kg	26	5.6	1
trans-1,3-Dichloropropene	ND		ug/kg	51	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.1	1
1,3-Dichloropropene, Total	ND		ug/kg	26	8.1	1
1,1-Dichloropropene	ND		ug/kg	26	8.2	1
Bromoform	ND		ug/kg	200	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.5	1
Benzene	94		ug/kg	26	8.5	1
Toluene	3600		ug/kg	51	28.	1
Ethylbenzene	10000		ug/kg	51	7.2	1
Chloromethane	ND		ug/kg	200	48.	1
Bromomethane	32	J	ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	51	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	51	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	77	7.0	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-04
 Client ID: RI-SB-02 (4.5-5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	26	7.0	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.6	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.8	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	27000		ug/kg	100	29.	1
o-Xylene	9300		ug/kg	51	15.	1
Xylenes, Total	36000		ug/kg	51	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	51	9.0	1
1,2-Dichloroethene, Total	ND		ug/kg	51	7.0	1
Dibromomethane	ND		ug/kg	100	12.	1
Styrene	19	J	ug/kg	51	10.	1
Dichlorodifluoromethane	ND		ug/kg	510	47.	1
Acetone	ND		ug/kg	510	250	1
Carbon disulfide	ND		ug/kg	510	230	1
2-Butanone	ND		ug/kg	510	110	1
Vinyl acetate	ND		ug/kg	510	110	1
4-Methyl-2-pentanone	ND		ug/kg	510	66.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.5	1
2-Hexanone	ND		ug/kg	510	61.	1
Bromochloromethane	ND		ug/kg	100	10.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	51	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	26	6.8	1
Bromobenzene	ND		ug/kg	100	7.4	1
n-Butylbenzene	3300		ug/kg	51	8.6	1
sec-Butylbenzene	1300		ug/kg	51	7.5	1
tert-Butylbenzene	19	J	ug/kg	100	6.1	1
o-Chlorotoluene	ND		ug/kg	100	9.8	1
p-Chlorotoluene	ND		ug/kg	100	5.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	51.	1
Hexachlorobutadiene	ND		ug/kg	200	8.7	1
Isopropylbenzene	2900		ug/kg	51	5.6	1
p-Isopropyltoluene	580		ug/kg	51	5.6	1
Naphthalene	5100		ug/kg	200	33.	1
Acrylonitrile	ND		ug/kg	200	59.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	11000		ug/kg	51	8.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
1,3,5-Trimethylbenzene	12000		ug/kg	100	9.9	1
1,2,4-Trimethylbenzene	40000	E	ug/kg	100	17.	1
1,4-Dioxane	ND		ug/kg	4100	1800	1
p-Diethylbenzene	15000		ug/kg	100	9.1	1
p-Ethyltoluene	37000	E	ug/kg	100	20.	1
1,2,4,5-Tetramethylbenzene	5100		ug/kg	100	9.8	1
Ethyl ether	ND		ug/kg	100	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	260	73.	1

Tentatively Identified Compounds

Total TIC Compounds	64200	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	2700	NJ	ug/kg			1
Unknown Alkane	3300	J	ug/kg			1
Octane	5790	NJ	ug/kg			1
Heptane, 2-methyl-	7980	NJ	ug/kg			1
Octane, 2,6-dimethyl-	2230	NJ	ug/kg			1
Hexane, 2-methyl-	2980	NJ	ug/kg			1
Heptane	4710	NJ	ug/kg			1
Hexane, 3-methyl-	3110	NJ	ug/kg			1
Nonane (C9)	5440	NJ	ug/kg			1
Unknown Alkane	5960	J	ug/kg			1
Unknown	2240	J	ug/kg			1
Nonane, 4-methyl-	4840	NJ	ug/kg			1
Octane, 3-methyl-	3850	NJ	ug/kg			1
Unknown	3140	J	ug/kg			1
Heptane, 3-methyl-	5930	NJ	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	81		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04 D
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 14:18
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trimethylbenzene	41000		ug/kg	510	86.	5
p-Ethyltoluene	37000		ug/kg	510	99.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	86		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05 D2
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 11:56
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by EPA 5035 High - Westborough Lab

1,2,4-Trimethylbenzene	220000		ug/kg	10000	1700	100
p-Ethyltoluene	200000		ug/kg	10000	2000	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05 D
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 11:30
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	2500	1200	10
1,1-Dichloroethane	ND		ug/kg	510	74.	10
Chloroform	ND		ug/kg	760	71.	10
Carbon tetrachloride	ND		ug/kg	510	120	10
1,2-Dichloropropane	ND		ug/kg	510	64.	10
Dibromochloromethane	ND		ug/kg	510	71.	10
1,1,2-Trichloroethane	ND		ug/kg	510	140	10
Tetrachloroethene	ND		ug/kg	250	100	10
Chlorobenzene	ND		ug/kg	250	65.	10
Trichlorofluoromethane	ND		ug/kg	2000	350	10
1,2-Dichloroethane	ND		ug/kg	510	130	10
1,1,1-Trichloroethane	ND		ug/kg	250	85.	10
Bromodichloromethane	ND		ug/kg	250	55.	10
trans-1,3-Dichloropropene	ND		ug/kg	510	140	10
cis-1,3-Dichloropropene	ND		ug/kg	250	80.	10
1,3-Dichloropropene, Total	ND		ug/kg	250	80.	10
1,1-Dichloropropene	ND		ug/kg	250	81.	10
Bromoform	ND		ug/kg	2000	120	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	250	84.	10
Benzene	2200		ug/kg	250	84.	10
Toluene	31000		ug/kg	510	280	10
Ethylbenzene	67000		ug/kg	510	72.	10
Chloromethane	ND		ug/kg	2000	470	10
Bromomethane	ND		ug/kg	1000	300	10
Vinyl chloride	ND		ug/kg	510	170	10
Chloroethane	ND		ug/kg	1000	230	10
1,1-Dichloroethene	ND		ug/kg	510	120	10
trans-1,2-Dichloroethene	ND		ug/kg	760	70.	10

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-05 D

Date Collected: 09/15/23 10:20

Client ID: RI-SB-02 (5.5-6)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	250	70.	10
1,2-Dichlorobenzene	ND		ug/kg	1000	73.	10
1,3-Dichlorobenzene	ND		ug/kg	1000	75.	10
1,4-Dichlorobenzene	ND		ug/kg	1000	87.	10
Methyl tert butyl ether	ND		ug/kg	1000	100	10
p/m-Xylene	300000		ug/kg	1000	280	10
o-Xylene	120000		ug/kg	510	150	10
Xylenes, Total	420000		ug/kg	510	150	10
cis-1,2-Dichloroethene	ND		ug/kg	510	89.	10
1,2-Dichloroethene, Total	ND		ug/kg	510	70.	10
Dibromomethane	ND		ug/kg	1000	120	10
Styrene	ND		ug/kg	510	100	10
Dichlorodifluoromethane	ND		ug/kg	5100	460	10
Acetone	ND		ug/kg	5100	2400	10
Carbon disulfide	ND		ug/kg	5100	2300	10
2-Butanone	ND		ug/kg	5100	1100	10
Vinyl acetate	ND		ug/kg	5100	1100	10
4-Methyl-2-pentanone	ND		ug/kg	5100	650	10
1,2,3-Trichloropropane	ND		ug/kg	1000	65.	10
2-Hexanone	ND		ug/kg	5100	600	10
Bromochloromethane	ND		ug/kg	1000	100	10
2,2-Dichloropropane	ND		ug/kg	1000	100	10
1,2-Dibromoethane	ND		ug/kg	510	140	10
1,3-Dichloropropane	ND		ug/kg	1000	85.	10
1,1,1,2-Tetrachloroethane	ND		ug/kg	250	67.	10
Bromobenzene	ND		ug/kg	1000	74.	10
n-Butylbenzene	8300		ug/kg	510	85.	10
sec-Butylbenzene	3600		ug/kg	510	74.	10
tert-Butylbenzene	ND		ug/kg	1000	60.	10
o-Chlorotoluene	ND		ug/kg	1000	97.	10
p-Chlorotoluene	ND		ug/kg	1000	55.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1500	510	10
Hexachlorobutadiene	ND		ug/kg	2000	86.	10
Isopropylbenzene	11000		ug/kg	510	55.	10
p-Isopropyltoluene	1800		ug/kg	510	55.	10
Naphthalene	14000		ug/kg	2000	330	10
Acrylonitrile	ND		ug/kg	2000	580	10

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-05 D

Date Collected: 09/15/23 10:20

Client ID: RI-SB-02 (5.5-6)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	42000		ug/kg	510	87.	10
1,2,3-Trichlorobenzene	ND		ug/kg	1000	160	10
1,2,4-Trichlorobenzene	ND		ug/kg	1000	140	10
1,3,5-Trimethylbenzene	56000		ug/kg	1000	98.	10
1,2,4-Trimethylbenzene	200000	E	ug/kg	1000	170	10
1,4-Dioxane	ND		ug/kg	41000	18000	10
p-Diethylbenzene	3600		ug/kg	1000	90.	10
p-Ethyltoluene	180000	E	ug/kg	1000	200	10
1,2,4,5-Tetramethylbenzene	12000		ug/kg	1000	97.	10
Ethyl ether	ND		ug/kg	1000	170	10
trans-1,4-Dichloro-2-butene	ND		ug/kg	2500	720	10

Tentatively Identified Compounds

Total TIC Compounds	385000	J	ug/kg	10
Unknown Benzene	58700	J	ug/kg	10
Octane	14500	NJ	ug/kg	10
Unknown	13000	J	ug/kg	10
Unknown	13700	J	ug/kg	10
Unknown Aromatic	15300	J	ug/kg	10
Unknown Benzene	31500	J	ug/kg	10
Unknown Benzene	22200	J	ug/kg	10
Unknown Benzene	35100	J	ug/kg	10
Unknown Aromatic	14700	J	ug/kg	10
Heptane, 3-methyl-	16200	NJ	ug/kg	10
Hexane, 3-methyl-	16600	NJ	ug/kg	10
Unknown Benzene	36100	J	ug/kg	10
Unknown Benzene	64400	J	ug/kg	10
Unknown	14000	J	ug/kg	10
Hexane, 2-methyl-	18700	NJ	ug/kg	10

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05 D
 Client ID: RI-SB-02 (5.5-6)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	86		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 D2
 Client ID: RI-SB-02 (10-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/22/23 10:17
 Analyst: LAC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by EPA 5035 High - Westborough Lab						

1,2,4-Trimethylbenzene	280000		ug/kg	5400	900	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	89		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 D
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 15:12
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	5400	2500	20
1,1-Dichloroethane	ND		ug/kg	1100	160	20
Chloroform	ND		ug/kg	1600	150	20
Carbon tetrachloride	ND		ug/kg	1100	250	20
1,2-Dichloropropane	ND		ug/kg	1100	140	20
Dibromochloromethane	ND		ug/kg	1100	150	20
1,1,2-Trichloroethane	ND		ug/kg	1100	290	20
Tetrachloroethene	ND		ug/kg	540	210	20
Chlorobenzene	ND		ug/kg	540	140	20
Trichlorofluoromethane	ND		ug/kg	4300	750	20
1,2-Dichloroethane	ND		ug/kg	1100	280	20
1,1,1-Trichloroethane	ND		ug/kg	540	180	20
Bromodichloromethane	ND		ug/kg	540	120	20
trans-1,3-Dichloropropene	ND		ug/kg	1100	300	20
cis-1,3-Dichloropropene	ND		ug/kg	540	170	20
1,3-Dichloropropene, Total	ND		ug/kg	540	170	20
1,1-Dichloropropene	ND		ug/kg	540	170	20
Bromoform	ND		ug/kg	4300	270	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	540	180	20
Benzene	3700		ug/kg	540	180	20
Toluene	50000		ug/kg	1100	590	20
Ethylbenzene	100000		ug/kg	1100	150	20
Chloromethane	ND		ug/kg	4300	1000	20
Bromomethane	ND		ug/kg	2200	630	20
Vinyl chloride	ND		ug/kg	1100	360	20
Chloroethane	ND		ug/kg	2200	490	20
1,1-Dichloroethene	ND		ug/kg	1100	260	20
trans-1,2-Dichloroethene	ND		ug/kg	1600	150	20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 D
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	540	150	20
1,2-Dichlorobenzene	ND		ug/kg	2200	160	20
1,3-Dichlorobenzene	ND		ug/kg	2200	160	20
1,4-Dichlorobenzene	ND		ug/kg	2200	180	20
Methyl tert butyl ether	ND		ug/kg	2200	220	20
p/m-Xylene	380000		ug/kg	2200	610	20
o-Xylene	160000		ug/kg	1100	320	20
Xylenes, Total	540000		ug/kg	1100	320	20
cis-1,2-Dichloroethene	ND		ug/kg	1100	190	20
1,2-Dichloroethene, Total	ND		ug/kg	1100	150	20
Dibromomethane	ND		ug/kg	2200	260	20
Styrene	ND		ug/kg	1100	210	20
Dichlorodifluoromethane	ND		ug/kg	11000	990	20
Acetone	ND		ug/kg	11000	5200	20
Carbon disulfide	ND		ug/kg	11000	4900	20
2-Butanone	ND		ug/kg	11000	2400	20
Vinyl acetate	ND		ug/kg	11000	2300	20
4-Methyl-2-pentanone	ND		ug/kg	11000	1400	20
1,2,3-Trichloropropane	ND		ug/kg	2200	140	20
2-Hexanone	ND		ug/kg	11000	1300	20
Bromochloromethane	ND		ug/kg	2200	220	20
2,2-Dichloropropane	ND		ug/kg	2200	220	20
1,2-Dibromoethane	ND		ug/kg	1100	300	20
1,3-Dichloropropane	ND		ug/kg	2200	180	20
1,1,1,2-Tetrachloroethane	ND		ug/kg	540	140	20
Bromobenzene	ND		ug/kg	2200	160	20
n-Butylbenzene	14000		ug/kg	1100	180	20
sec-Butylbenzene	6100		ug/kg	1100	160	20
tert-Butylbenzene	ND		ug/kg	2200	130	20
o-Chlorotoluene	ND		ug/kg	2200	210	20
p-Chlorotoluene	ND		ug/kg	2200	120	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	3200	1100	20
Hexachlorobutadiene	ND		ug/kg	4300	180	20
Isopropylbenzene	19000		ug/kg	1100	120	20
p-Isopropyltoluene	2800		ug/kg	1100	120	20
Naphthalene	27000		ug/kg	4300	700	20
Acrylonitrile	ND		ug/kg	4300	1200	20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 D
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	74000		ug/kg	1100	180	20
1,2,3-Trichlorobenzene	ND		ug/kg	2200	350	20
1,2,4-Trichlorobenzene	ND		ug/kg	2200	300	20
1,3,5-Trimethylbenzene	96000		ug/kg	2200	210	20
1,2,4-Trimethylbenzene	340000	E	ug/kg	2200	360	20
1,4-Dioxane	ND		ug/kg	87000	38000	20
p-Diethylbenzene	71000		ug/kg	2200	190	20
p-Ethyltoluene	310000		ug/kg	2200	420	20
1,2,4,5-Tetramethylbenzene	21000		ug/kg	2200	210	20
Ethyl ether	ND		ug/kg	2200	370	20
trans-1,4-Dichloro-2-butene	ND		ug/kg	5400	1500	20

Tentatively Identified Compounds

Total TIC Compounds	511000	J	ug/kg	20
Unknown Alkane	22800	J	ug/kg	20
Hexane, 2-methyl-	17500	NJ	ug/kg	20
Hexane, 3-methyl-	15400	NJ	ug/kg	20
Unknown	92400	J	ug/kg	20
Unknown Benzene	77000	J	ug/kg	20
Unknown Aromatic	15200	J	ug/kg	20
Unknown Benzene	50300	J	ug/kg	20
Unknown Aromatic	30500	J	ug/kg	20
Cyclohexane, methyl-	20000	NJ	ug/kg	20
Heptane, 3-methyl-	26200	NJ	ug/kg	20
Octane	23800	NJ	ug/kg	20
Unknown	36800	J	ug/kg	20
Unknown Alkane	19800	J	ug/kg	20
Nonane (C9)	20200	NJ	ug/kg	20
Unknown Benzene	43000	J	ug/kg	20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 D
 Client ID: RI-SB-02 (10-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	85		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 15:39
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.15	1
Benzene	0.66		ug/kg	0.47	0.15	1
Toluene	1.2		ug/kg	0.93	0.51	1
Ethylbenzene	2.6		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-07
 Client ID: RI-SB-02 (10.5-11)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	5.5		ug/kg	1.9	0.52	1
o-Xylene	2.4		ug/kg	0.93	0.27	1
Xylenes, Total	7.9		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	47		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	10		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	1.1		ug/kg	0.93	0.16	1
sec-Butylbenzene	0.40	J	ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	0.82	J	ug/kg	0.93	0.10	1
p-Isopropyltoluene	0.15	J	ug/kg	0.93	0.10	1
Naphthalene	3.6	J	ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	3.4		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	2.7		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	9.3		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	3.6		ug/kg	1.9	0.16	1
p-Ethyltoluene	6.4		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	2.2		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	29.1	J	ug/kg	1
Unknown	1.88	J	ug/kg	1
Unknown Aromatic	3.42	J	ug/kg	1
Unknown	2.37	J	ug/kg	1
Unknown	4.58	J	ug/kg	1
Unknown	1.97	J	ug/kg	1
Unknown Benzene	2.14	J	ug/kg	1
Unknown	4.77	J	ug/kg	1
Unknown	1.91	J	ug/kg	1
Unknown Benzene	2.47	J	ug/kg	1
Unknown Benzene	3.55	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/21/23 13:18
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-08
 Client ID: RI-SB-01 (2.5-3)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	6.7	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	5.83	J	ug/kg	1
Unknown	5.83	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 16:06
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	0.60	J	ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	5.1	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	4.92	J	ug/kg	1
Unknown	4.92	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 16:33
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-10
 Client ID: RI-SB-01 (10-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	5.6	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	25.3	J	ug/kg	1
Unknown Alkane	3.48	J	ug/kg	1
Unknown	5.78	J	ug/kg	1
Unknown Alkane	2.10	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.24	NJ	ug/kg	1
Unknown	2.10	J	ug/kg	1
Unknown Alkane	3.94	J	ug/kg	1
Unknown Alkane	2.85	J	ug/kg	1
Unknown	2.85	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	93		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 17:01
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	0.65	J	ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	5.03	J	ug/kg	1
Unknown	5.03	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 17:29
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	0.56	J	ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-12
 Client ID: DUP20230915
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	9.7		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.2	1
2-Butanone	2.1	J	ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	5.11	J	ug/kg	1
Unknown	5.11	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-13
Client ID: TB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-13
Client ID: TB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-13
Client ID: TB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 17:56
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	6.03	J	ug/kg	1
Unknown	6.03	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 18:23
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.14	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	0.60	J	ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.51	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-15
 Client ID: RI-SB-07 (5.5-6)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
Xylenes, Total	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.87	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.21	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	ND		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
Vinyl acetate	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.7	0.13	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.17	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.17	1
Ethyl ether	ND		ug/kg	1.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	4.44	J	ug/kg	1
Unknown	4.44	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	93		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 18:50
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-16
 Client ID: RI-SB-07 (12.5-13)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	5.2	J	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	2.5	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	6.02	J	ug/kg	1
Unknown	6.02	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 19:17
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	0.65	J	ug/kg	0.93	0.51	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	2.2	J	ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	7.82	J	ug/kg	1
Unknown	5.06	J	ug/kg	1
Unknown	2.76	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	91		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:59
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13,18 Batch: WG1829257-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:59
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13,18 Batch: WG1829257-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	0.71	J	ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:59
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13,18 Batch: WG1829257-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 09:59
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13,18 Batch: WG1829257-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 10:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.2	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	10.7	J	ug/kg
Unknown	2.03	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	3.42	NJ	ug/kg
Unknown	5.29	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 10:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830199-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	62	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 10:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830199-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 10:40
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830199-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	537	J	ug/kg
Unknown	102	J	ug/kg
Unknown	264	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	171	NJ	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:40
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830199-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1830359-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.2	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1830359-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/21/23 09:13
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1830359-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	13.8	J	ug/kg
Unknown	2.79	J	ug/kg
Unknown	5.55	J	ug/kg
Unknown	3.21	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.23	NJ	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/21/23 09:13
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 08 Batch: WG1830359-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	90		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 11:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1830840-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 11:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1830840-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 11:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1830840-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	102	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	102	NJ	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/22/23 11:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1830840-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	90		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 09:22
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830849-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	56	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 09:22
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830849-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 09:22
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830849-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	607	J	ug/kg
Unknown	262	J	ug/kg
Unknown	182	J	ug/kg
Unknown	163	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 09:22
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06 Batch: WG1830849-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,18 Batch: WG1829257-3 WG1829257-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	95		91		70-130	4		20
Dibromochloromethane	110		100		63-130	10		20
1,1,2-Trichloroethane	100		96		70-130	4		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		96		75-130	4		20
Trichlorofluoromethane	74		71		62-150	4		20
1,2-Dichloroethane	90		89		70-130	1		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	96		90		67-130	6		20
trans-1,3-Dichloropropene	95		92		70-130	3		20
cis-1,3-Dichloropropene	92		89		70-130	3		20
1,1-Dichloropropene	98		92		70-130	6		20
Bromoform	91		89		54-136	2		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	99		95		70-130	4		20
Toluene	100		96		70-130	4		20
Ethylbenzene	96		90		70-130	6		20
Chloromethane	130		120		64-130	8		20
Bromomethane	59		59		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,18 Batch: WG1829257-3 WG1829257-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	74		70		55-138	6		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	90		87		70-130	3		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		97		70-130	3		20
Methyl tert butyl ether	82		82		63-130	0		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	90		85		70-130	6		20
cis-1,2-Dichloroethene	100		98		70-130	2		20
Dibromomethane	93		91		70-130	2		20
1,2,3-Trichloropropane	89		88		64-130	1		20
Acrylonitrile	95		94		70-130	1		20
Styrene	80		80		70-130	0		20
Dichlorodifluoromethane	130		120		36-147	8		20
Acetone	100		100		58-148	0		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	92		96		63-138	4		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	86		89		59-130	3		20
2-Hexanone	82		83		57-130	1		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,18 Batch: WG1829257-3 WG1829257-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	97		95		70-130	2		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	94		89		53-136	5		20
sec-Butylbenzene	97		92		70-130	5		20
tert-Butylbenzene	100		94		70-130	6		20
o-Chlorotoluene	100		97		70-130	3		20
p-Chlorotoluene	97		93		70-130	4		20
1,2-Dibromo-3-chloropropane	98		99		41-144	1		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		92		70-130	8		20
p-Isopropyltoluene	98		93		70-130	5		20
Naphthalene	90		92		70-130	2		20
n-Propylbenzene	96		91		69-130	5		20
1,2,3-Trichlorobenzene	97		97		70-130	0		20
1,2,4-Trichlorobenzene	95		94		70-130	1		20
1,3,5-Trimethylbenzene	98		93		64-130	5		20
1,2,4-Trimethylbenzene	98		92		70-130	6		20
1,4-Dioxane	94		86		56-162	9		20
p-Diethylbenzene	97		93		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,18 Batch: WG1829257-3 WG1829257-4								
p-Ethyltoluene	100		95		70-130	5		20
1,2,4,5-Tetramethylbenzene	92		87		70-130	6		20
Ethyl ether	65		65		59-134	0		20
trans-1,4-Dichloro-2-butene	80		79		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		91		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-3 WG1830198-4								
Methylene chloride	83		82		70-130	1		30
1,1-Dichloroethane	86		84		70-130	2		30
Chloroform	87		82		70-130	6		30
Carbon tetrachloride	74		70		70-130	6		30
1,2-Dichloropropane	85		84		70-130	1		30
Dibromochloromethane	88		88		70-130	0		30
1,1,2-Trichloroethane	86		86		70-130	0		30
Tetrachloroethene	91		87		70-130	4		30
Chlorobenzene	90		88		70-130	2		30
Trichlorofluoromethane	81		77		70-139	5		30
1,2-Dichloroethane	83		82		70-130	1		30
1,1,1-Trichloroethane	78		75		70-130	4		30
Bromodichloromethane	83		82		70-130	1		30
trans-1,3-Dichloropropene	93		93		70-130	0		30
cis-1,3-Dichloropropene	83		82		70-130	1		30
1,1-Dichloropropene	81		78		70-130	4		30
Bromoform	91		91		70-130	0		30
1,1,2,2-Tetrachloroethane	92		94		70-130	2		30
Benzene	85		82		70-130	4		30
Toluene	92		89		70-130	3		30
Ethylbenzene	93		90		70-130	3		30
Chloromethane	84		79		52-130	6		30
Bromomethane	79		77		57-147	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-3 WG1830198-4								
Vinyl chloride	86		81		67-130	6		30
Chloroethane	85		81		50-151	5		30
1,1-Dichloroethene	81		78		65-135	4		30
trans-1,2-Dichloroethene	85		82		70-130	4		30
Trichloroethene	84		81		70-130	4		30
1,2-Dichlorobenzene	97		94		70-130	3		30
1,3-Dichlorobenzene	98		95		70-130	3		30
1,4-Dichlorobenzene	97		93		70-130	4		30
Methyl tert butyl ether	84		84		66-130	0		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	90		88		70-130	2		30
cis-1,2-Dichloroethene	81		80		70-130	1		30
Dibromomethane	80		81		70-130	1		30
Styrene	92		91		70-130	1		30
Dichlorodifluoromethane	76		72		30-146	5		30
Acetone	76		80		54-140	5		30
Carbon disulfide	77		74		59-130	4		30
2-Butanone	83		85		70-130	2		30
Vinyl acetate	83		86		70-130	4		30
4-Methyl-2-pentanone	88		92		70-130	4		30
1,2,3-Trichloropropane	96		98		68-130	2		30
2-Hexanone	93		98		70-130	5		30
Bromochloromethane	82		80		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-3 WG1830198-4								
2,2-Dichloropropane	82		79		70-130	4		30
1,2-Dibromoethane	91		92		70-130	1		30
1,3-Dichloropropane	95		95		69-130	0		30
1,1,1,2-Tetrachloroethane	91		90		70-130	1		30
Bromobenzene	95		93		70-130	2		30
n-Butylbenzene	100		95		70-130	5		30
sec-Butylbenzene	97		92		70-130	5		30
tert-Butylbenzene	97		94		70-130	3		30
o-Chlorotoluene	100		97		70-130	3		30
p-Chlorotoluene	100		96		70-130	4		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Hexachlorobutadiene	89		86		67-130	3		30
Isopropylbenzene	98		95		70-130	3		30
p-Isopropyltoluene	97		92		70-130	5		30
Naphthalene	96		95		70-130	1		30
Acrylonitrile	80		82		70-130	2		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	97		94		70-130	3		30
1,2,4-Trichlorobenzene	98		93		70-130	5		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	97		94		70-130	3		30
1,4-Dioxane	88		92		65-136	4		30
p-Diethylbenzene	98		94		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,07,09-12,14-17 Batch: WG1830198-3 WG1830198-4								
p-Ethyltoluene	98		95		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		94		70-130	4		30
Ethyl ether	82		82		67-130	0		30
trans-1,4-Dichloro-2-butene	101		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		92		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	89		88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830199-3 WG1830199-4								
Methylene chloride	83		82		70-130	1		30
1,1-Dichloroethane	86		84		70-130	2		30
Chloroform	87		82		70-130	6		30
Carbon tetrachloride	74		70		70-130	6		30
1,2-Dichloropropane	85		84		70-130	1		30
Dibromochloromethane	88		88		70-130	0		30
1,1,2-Trichloroethane	86		86		70-130	0		30
Tetrachloroethene	91		87		70-130	4		30
Chlorobenzene	90		88		70-130	2		30
Trichlorofluoromethane	81		77		70-139	5		30
1,2-Dichloroethane	83		82		70-130	1		30
1,1,1-Trichloroethane	78		75		70-130	4		30
Bromodichloromethane	83		82		70-130	1		30
trans-1,3-Dichloropropene	93		93		70-130	0		30
cis-1,3-Dichloropropene	83		82		70-130	1		30
1,1-Dichloropropene	81		78		70-130	4		30
Bromoform	91		91		70-130	0		30
1,1,2,2-Tetrachloroethane	92		94		70-130	2		30
Benzene	85		82		70-130	4		30
Toluene	92		89		70-130	3		30
Ethylbenzene	93		90		70-130	3		30
Chloromethane	84		79		52-130	6		30
Bromomethane	79		77		57-147	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830199-3 WG1830199-4								
Vinyl chloride	86		81		67-130	6		30
Chloroethane	85		81		50-151	5		30
1,1-Dichloroethene	81		78		65-135	4		30
trans-1,2-Dichloroethene	85		82		70-130	4		30
Trichloroethene	84		81		70-130	4		30
1,2-Dichlorobenzene	97		94		70-130	3		30
1,3-Dichlorobenzene	98		95		70-130	3		30
1,4-Dichlorobenzene	97		93		70-130	4		30
Methyl tert butyl ether	84		84		66-130	0		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	90		88		70-130	2		30
cis-1,2-Dichloroethene	81		80		70-130	1		30
Dibromomethane	80		81		70-130	1		30
Styrene	92		91		70-130	1		30
Dichlorodifluoromethane	76		72		30-146	5		30
Acetone	76		80		54-140	5		30
Carbon disulfide	77		74		59-130	4		30
2-Butanone	83		85		70-130	2		30
Vinyl acetate	83		86		70-130	4		30
4-Methyl-2-pentanone	88		92		70-130	4		30
1,2,3-Trichloropropane	96		98		68-130	2		30
2-Hexanone	93		98		70-130	5		30
Bromochloromethane	82		80		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830199-3 WG1830199-4								
2,2-Dichloropropane	82		79		70-130	4		30
1,2-Dibromoethane	91		92		70-130	1		30
1,3-Dichloropropane	95		95		69-130	0		30
1,1,1,2-Tetrachloroethane	91		90		70-130	1		30
Bromobenzene	95		93		70-130	2		30
n-Butylbenzene	100		95		70-130	5		30
sec-Butylbenzene	97		92		70-130	5		30
tert-Butylbenzene	97		94		70-130	3		30
o-Chlorotoluene	100		97		70-130	3		30
p-Chlorotoluene	100		96		70-130	4		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Hexachlorobutadiene	89		86		67-130	3		30
Isopropylbenzene	98		95		70-130	3		30
p-Isopropyltoluene	97		92		70-130	5		30
Naphthalene	96		95		70-130	1		30
Acrylonitrile	80		82		70-130	2		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	97		94		70-130	3		30
1,2,4-Trichlorobenzene	98		93		70-130	5		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	97		94		70-130	3		30
1,4-Dioxane	88		92		65-136	4		30
p-Diethylbenzene	98		94		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830199-3 WG1830199-4								
p-Ethyltoluene	98		95		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		94		70-130	4		30
Ethyl ether	82		82		67-130	0		30
trans-1,4-Dichloro-2-butene	101		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		92		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	89		88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1830359-3 WG1830359-4								
Methylene chloride	91		90		70-130	1		30
1,1-Dichloroethane	94		95		70-130	1		30
Chloroform	92		93		70-130	1		30
Carbon tetrachloride	87		87		70-130	0		30
1,2-Dichloropropane	92		93		70-130	1		30
Dibromochloromethane	93		93		70-130	0		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	102		103		70-130	1		30
Chlorobenzene	97		99		70-130	2		30
Trichlorofluoromethane	101		101		70-139	0		30
1,2-Dichloroethane	87		89		70-130	2		30
1,1,1-Trichloroethane	88		89		70-130	1		30
Bromodichloromethane	89		88		70-130	1		30
trans-1,3-Dichloropropene	98		101		70-130	3		30
cis-1,3-Dichloropropene	88		90		70-130	2		30
1,1-Dichloropropene	95		95		70-130	0		30
Bromoform	93		96		70-130	3		30
1,1,2,2-Tetrachloroethane	95		97		70-130	2		30
Benzene	92		93		70-130	1		30
Toluene	101		101		70-130	0		30
Ethylbenzene	101		103		70-130	2		30
Chloromethane	96		94		52-130	2		30
Bromomethane	91		90		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1830359-3 WG1830359-4								
Vinyl chloride	102		102		67-130	0		30
Chloroethane	98		97		50-151	1		30
1,1-Dichloroethene	97		98		65-135	1		30
trans-1,2-Dichloroethene	95		95		70-130	0		30
Trichloroethene	92		95		70-130	3		30
1,2-Dichlorobenzene	102		105		70-130	3		30
1,3-Dichlorobenzene	105		106		70-130	1		30
1,4-Dichlorobenzene	102		105		70-130	3		30
Methyl tert butyl ether	86		88		66-130	2		30
p/m-Xylene	103		104		70-130	1		30
o-Xylene	97		98		70-130	1		30
cis-1,2-Dichloroethene	88		88		70-130	0		30
Dibromomethane	85		86		70-130	1		30
Styrene	101		102		70-130	1		30
Dichlorodifluoromethane	98		96		30-146	2		30
Acetone	82		90		54-140	9		30
Carbon disulfide	91		90		59-130	1		30
2-Butanone	82		85		70-130	4		30
Vinyl acetate	95		93		70-130	2		30
4-Methyl-2-pentanone	87		93		70-130	7		30
1,2,3-Trichloropropane	97		100		68-130	3		30
2-Hexanone	92		96		70-130	4		30
Bromochloromethane	86		87		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1830359-3 WG1830359-4								
2,2-Dichloropropane	95		95		70-130	0		30
1,2-Dibromoethane	94		96		70-130	2		30
1,3-Dichloropropane	100		102		69-130	2		30
1,1,1,2-Tetrachloroethane	98		98		70-130	0		30
Bromobenzene	100		101		70-130	1		30
n-Butylbenzene	115		117		70-130	2		30
sec-Butylbenzene	112		114		70-130	2		30
tert-Butylbenzene	108		111		70-130	3		30
o-Chlorotoluene	107		109		70-130	2		30
p-Chlorotoluene	107		109		70-130	2		30
1,2-Dibromo-3-chloropropane	91		95		68-130	4		30
Hexachlorobutadiene	105		106		67-130	1		30
Isopropylbenzene	109		110		70-130	1		30
p-Isopropyltoluene	109		111		70-130	2		30
Naphthalene	97		101		70-130	4		30
Acrylonitrile	82		83		70-130	1		30
n-Propylbenzene	111		113		70-130	2		30
1,2,3-Trichlorobenzene	101		103		70-130	2		30
1,2,4-Trichlorobenzene	104		107		70-130	3		30
1,3,5-Trimethylbenzene	107		108		70-130	1		30
1,2,4-Trimethylbenzene	105		107		70-130	2		30
1,4-Dioxane	85		87		65-136	2		30
p-Diethylbenzene	110		111		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 08 Batch: WG1830359-3 WG1830359-4								
p-Ethyltoluene	108		110		70-130	2		30
1,2,4,5-Tetramethylbenzene	106		108		70-130	2		30
Ethyl ether	89		89		67-130	0		30
trans-1,4-Dichloro-2-butene	100		105		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		91		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	101		103		70-130
Dibromofluoromethane	88		88		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1830840-3 WG1830840-4								
Methylene chloride	73		76		70-130	4		30
1,1-Dichloroethane	74		78		70-130	5		30
Chloroform	76		80		70-130	5		30
Carbon tetrachloride	81		82		70-130	1		30
1,2-Dichloropropane	77		81		70-130	5		30
Dibromochloromethane	89		90		70-130	1		30
1,1,2-Trichloroethane	80		84		70-130	5		30
Tetrachloroethene	89		91		70-130	2		30
Chlorobenzene	85		90		70-130	6		30
Trichlorofluoromethane	71		84		70-139	17		30
1,2-Dichloroethane	80		80		70-130	0		30
1,1,1-Trichloroethane	80		81		70-130	1		30
Bromodichloromethane	78		81		70-130	4		30
trans-1,3-Dichloropropene	83		86		70-130	4		30
cis-1,3-Dichloropropene	81		85		70-130	5		30
1,1-Dichloropropene	81		85		70-130	5		30
Bromoform	92		83		70-130	10		30
1,1,2,2-Tetrachloroethane	87		81		70-130	7		30
Benzene	80		84		70-130	5		30
Toluene	79		84		70-130	6		30
Ethylbenzene	81		86		70-130	6		30
Chloromethane	58		68		52-130	16		30
Bromomethane	70		80		57-147	13		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1830840-3 WG1830840-4								
Vinyl chloride	64	Q	73		67-130	13		30
Chloroethane	71		83		50-151	16		30
1,1-Dichloroethene	73		75		65-135	3		30
trans-1,2-Dichloroethene	76		78		70-130	3		30
Trichloroethene	84		87		70-130	4		30
1,2-Dichlorobenzene	89		94		70-130	5		30
1,3-Dichlorobenzene	87		92		70-130	6		30
1,4-Dichlorobenzene	86		92		70-130	7		30
Methyl tert butyl ether	87		87		66-130	0		30
p/m-Xylene	86		89		70-130	3		30
o-Xylene	85		90		70-130	6		30
cis-1,2-Dichloroethene	78		81		70-130	4		30
Dibromomethane	82		84		70-130	2		30
Styrene	84		87		70-130	4		30
Dichlorodifluoromethane	57		66		30-146	15		30
Acetone	68		65		54-140	5		30
Carbon disulfide	69		74		59-130	7		30
2-Butanone	73		70		70-130	4		30
Vinyl acetate	68	Q	70		70-130	3		30
4-Methyl-2-pentanone	72		75		70-130	4		30
1,2,3-Trichloropropane	91		83		68-130	9		30
2-Hexanone	70		71		70-130	1		30
Bromochloromethane	89		90		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1830840-3 WG1830840-4								
2,2-Dichloropropane	76		78		70-130	3		30
1,2-Dibromoethane	90		92		70-130	2		30
1,3-Dichloropropane	84		88		69-130	5		30
1,1,1,2-Tetrachloroethane	90		93		70-130	3		30
Bromobenzene	97		90		70-130	7		30
n-Butylbenzene	83		89		70-130	7		30
sec-Butylbenzene	92		89		70-130	3		30
tert-Butylbenzene	94		88		70-130	7		30
o-Chlorotoluene	92		87		70-130	6		30
p-Chlorotoluene	91		86		70-130	6		30
1,2-Dibromo-3-chloropropane	79		79		68-130	0		30
Hexachlorobutadiene	79		88		67-130	11		30
Isopropylbenzene	92		87		70-130	6		30
p-Isopropyltoluene	90		90		70-130	0		30
Naphthalene	89		92		70-130	3		30
Acrylonitrile	80		79		70-130	1		30
n-Propylbenzene	90		87		70-130	3		30
1,2,3-Trichlorobenzene	88		93		70-130	6		30
1,2,4-Trichlorobenzene	88		94		70-130	7		30
1,3,5-Trimethylbenzene	94		88		70-130	7		30
1,2,4-Trimethylbenzene	94		89		70-130	5		30
1,4-Dioxane	79		77		65-136	3		30
p-Diethylbenzene	83		91		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1830840-3 WG1830840-4								
p-Ethyltoluene	93		88		70-130	6		30
1,2,4,5-Tetramethylbenzene	85		91		70-130	7		30
Ethyl ether	83		86		67-130	4		30
trans-1,4-Dichloro-2-butene	92		85		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		85		70-130
Toluene-d8	96		98		70-130
4-Bromofluorobenzene	108		95		70-130
Dibromofluoromethane	94		92		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830849-3 WG1830849-4								
Methylene chloride	87		87		70-130	0		30
1,1-Dichloroethane	87		87		70-130	0		30
Chloroform	87		88		70-130	1		30
Carbon tetrachloride	80		81		70-130	1		30
1,2-Dichloropropane	86		87		70-130	1		30
Dibromochloromethane	90		90		70-130	0		30
1,1,2-Trichloroethane	89		89		70-130	0		30
Tetrachloroethene	94		96		70-130	2		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	94		96		70-139	2		30
1,2-Dichloroethane	86		88		70-130	2		30
1,1,1-Trichloroethane	83		84		70-130	1		30
Bromodichloromethane	85		85		70-130	0		30
trans-1,3-Dichloropropene	96		95		70-130	1		30
cis-1,3-Dichloropropene	84		85		70-130	1		30
1,1-Dichloropropene	87		88		70-130	1		30
Bromoform	90		91		70-130	1		30
1,1,2,2-Tetrachloroethane	93		92		70-130	1		30
Benzene	86		86		70-130	0		30
Toluene	92		93		70-130	1		30
Ethylbenzene	94		95		70-130	1		30
Chloromethane	82		84		52-130	2		30
Bromomethane	83		87		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354249

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830849-3 WG1830849-4								
Vinyl chloride	90		91		67-130	1		30
Chloroethane	89		89		50-151	0		30
1,1-Dichloroethene	91		92		65-135	1		30
trans-1,2-Dichloroethene	89		92		70-130	3		30
Trichloroethene	87		89		70-130	2		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	97		100		70-130	3		30
1,4-Dichlorobenzene	97		98		70-130	1		30
Methyl tert butyl ether	91		91		66-130	0		30
p/m-Xylene	96		98		70-130	2		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	83		84		70-130	1		30
Dibromomethane	83		84		70-130	1		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	86		88		30-146	2		30
Acetone	87		85		54-140	2		30
Carbon disulfide	82		83		59-130	1		30
2-Butanone	84		83		70-130	1		30
Vinyl acetate	91		88		70-130	3		30
4-Methyl-2-pentanone	92		88		70-130	4		30
1,2,3-Trichloropropane	96		96		68-130	0		30
2-Hexanone	97		92		70-130	5		30
Bromochloromethane	83		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830849-3 WG1830849-4								
2,2-Dichloropropane	88		90		70-130	2		30
1,2-Dibromoethane	94		94		70-130	0		30
1,3-Dichloropropane	97		97		69-130	0		30
1,1,1,2-Tetrachloroethane	92		93		70-130	1		30
Bromobenzene	95		95		70-130	0		30
n-Butylbenzene	104		106		70-130	2		30
sec-Butylbenzene	101		103		70-130	2		30
tert-Butylbenzene	99		102		70-130	3		30
o-Chlorotoluene	99		99		70-130	0		30
p-Chlorotoluene	99		101		70-130	2		30
1,2-Dibromo-3-chloropropane	93		94		68-130	1		30
Hexachlorobutadiene	94		97		67-130	3		30
Isopropylbenzene	98		100		70-130	2		30
p-Isopropyltoluene	99		102		70-130	3		30
Naphthalene	97		98		70-130	1		30
Acrylonitrile	85		82		70-130	4		30
n-Propylbenzene	101		102		70-130	1		30
1,2,3-Trichlorobenzene	96		99		70-130	3		30
1,2,4-Trichlorobenzene	100		101		70-130	1		30
1,3,5-Trimethylbenzene	98		99		70-130	1		30
1,2,4-Trimethylbenzene	97		99		70-130	2		30
1,4-Dioxane	85		84		65-136	1		30
p-Diethylbenzene	101		103		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06 Batch: WG1830849-3 WG1830849-4								
p-Ethyltoluene	99		101		70-130	2		30
1,2,4,5-Tetramethylbenzene	99		102		70-130	3		30
Ethyl ether	89		89		67-130	0		30
trans-1,4-Dichloro-2-butene	102		99		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	91		91		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 07:52
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	71		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01 RE
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 05:15
Analyst: PS
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.542	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.542	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.271	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.542	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.271	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.271	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.271	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.542	0.195	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.542	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.271	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.271	0.141	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.271	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.542	0.311	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.542	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.542	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.542	0.166	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.542	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.542	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.542	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.542	0.222	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.542	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.271	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01 RE
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro[13C4]Butanoic Acid (MPFBA)	95				61-135	
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98				58-150	
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109				74-139	
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102				66-128	
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98				71-129	
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110				78-139	
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				75-130	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	87				20-154	
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91				72-140	
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95				79-136	
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100				75-130	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	74				19-175	
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56				31-134	
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	106				61-155	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81				10-117	
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50				34-137	
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94				54-150	
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75				24-159	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 03:52
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	79		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02 RE
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 05:32
Analyst: PS
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.492	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.492	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.246	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.492	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.246	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.246	0.060	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.246	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.492	0.176	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.492	0.134	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.246	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.246	0.128	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.246	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.492	0.282	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.492	0.198	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.492	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.492	0.150	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.492	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.492	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.492	0.201	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.492	0.053	1
PFOA/PFOS, Total	ND		ng/g	0.246	0.041	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02 RE
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	78		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	53		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	33	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02 RE
 Client ID: RI-SB-03 (5.5-6)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 11:34
 Analyst: AC
 Percent Solids: 91%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.492	0.096	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	67			10-117		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 05:04
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

Total TIC Compounds	303	J	ug/kg	1
Unknown	150	J	ug/kg	1
Unknown	153	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	81		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03 RE
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 05:48
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.536	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.536	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.268	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.536	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.268	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.268	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.268	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.536	0.192	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.536	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.268	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.268	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.268	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.536	0.308	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.536	0.216	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.536	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.536	0.164	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.536	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.536	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.536	0.219	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.536	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.268	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03 RE
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	79		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	58		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03 RE
 Client ID: RI-SB-03 (11.5-12)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 11:41
 Analyst: AC
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.536	0.105	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			75		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 00:41
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	360		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	260		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	79	J	ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	72	J	ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	97	J	ug/kg	250	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	9560	J	ug/kg			1
Indane	353	NJ	ug/kg			1
Unknown Benzene	705	J	ug/kg			1
Benzene, Propyl-	477	NJ	ug/kg			1
Unknown	153	J	ug/kg			1
Unknown	159	J	ug/kg			1
Unknown Benzene	192	J	ug/kg			1
Toluene	598	NJ	ug/kg			1
Unknown	168	J	ug/kg			1
Unknown	204	J	ug/kg			1
Unknown Benzene	2400	J	ug/kg			1
Unknown Benzene	601	J	ug/kg			1
Unknown Benzene	698	J	ug/kg			1
Unknown Benzene	1550	J	ug/kg			1
Unknown Benzene	206	J	ug/kg			1
Unknown	1100	J	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	78		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04 RE
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 06:05
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.529	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.529	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.265	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.529	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.265	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.265	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.265	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.529	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.529	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.265	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.265	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.265	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.529	0.304	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.529	0.213	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.529	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.529	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.529	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.529	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.529	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.529	0.216	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.529	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.265	0.044	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04 RE
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	77		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	84		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	80		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 03:28
Analyst: ALS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	22	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	3700		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	46	J	ug/kg	180	17.	1
Phenanthrene	60	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	26	J	ug/kg	110	18.	1
Biphenyl	34	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	2400		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	100	J	ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	58	J	ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

Total TIC Compounds	148000	J	ug/kg			1
Unknown Benzene	2580	J	ug/kg			1
Toluene	2190	NJ	ug/kg			1
Unknown Benzene	8800	J	ug/kg			1
Unknown	1890	J	ug/kg			1
Unknown	6370	J	ug/kg			1
Unknown	12000	J	ug/kg			1
Indane	3750	NJ	ug/kg			1
Unknown Benzene	9410	J	ug/kg			1
Unknown Benzene	26500	J	ug/kg			1
Unknown Benzene	13800	J	ug/kg			1
Unknown Benzene	2420	J	ug/kg			1
Unknown Benzene	2700	J	ug/kg			1
Unknown Benzene	10200	J	ug/kg			1
Unknown Benzene	37600	J	ug/kg			1
Benzene, Propyl-	7870	NJ	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05 RE
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 06:21
Analyst: PS
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.481	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.481	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.240	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.481	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.240	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.240	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.240	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.481	0.173	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.481	0.131	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.240	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.240	0.125	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.240	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.481	0.276	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.481	0.194	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.481	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.481	0.147	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.481	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.481	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.481	0.197	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.481	0.052	1
PFOA/PFOS, Total	ND		ng/g	0.240	0.040	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05 RE
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	77		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	59		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05 RE
 Client ID: RI-SB-02 (5.5-6)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 11:47
 Analyst: AC
 Percent Solids: 90%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.481	0.094	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	74			10-117		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 08:16
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	29	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	220		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	10000	E	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-06
 Client ID: RI-SB-02 (10-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	220		ug/kg	110	21.	1
Benzo(a)pyrene	240		ug/kg	150	46.	1
Benzo(b)fluoranthene	280		ug/kg	110	32.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	30.	1
Chrysene	210		ug/kg	110	20.	1
Acenaphthylene	100	J	ug/kg	150	29.	1
Anthracene	70	J	ug/kg	110	37.	1
Benzo(ghi)perylene	150		ug/kg	150	22.	1
Fluorene	67	J	ug/kg	190	18.	1
Phenanthrene	88	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	30	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	150		ug/kg	150	26.	1
Pyrene	230		ug/kg	110	19.	1
Biphenyl	71	J	ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	21	J	ug/kg	190	18.	1
2-Methylnaphthalene	6200		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1

Tentatively Identified Compounds

Total TIC Compounds	195000	J	ug/kg			1
Unknown	12200	J	ug/kg			1
Unknown	10600	J	ug/kg			1
Unknown Benzene	2980	J	ug/kg			1
Unknown Benzene	40800	J	ug/kg			1
Indane	4740	NJ	ug/kg			1
Unknown	6180	J	ug/kg			1
Unknown Benzene	3290	J	ug/kg			1
Unknown Benzene	24200	J	ug/kg			1
Unknown Benzene	16400	J	ug/kg			1
Unknown	4950	J	ug/kg			1
Unknown Benzene	2600	J	ug/kg			1
Unknown Benzene	34600	J	ug/kg			1
Unknown Benzene	12900	J	ug/kg			1
Unknown	8860	J	ug/kg			1
Unknown	10100	J	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	77		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 RE
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 06:38
Analyst: PS
Percent Solids: 87%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.560	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.560	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.280	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.560	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.280	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.280	0.068	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.280	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.560	0.201	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.560	0.153	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.280	0.084	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.280	0.146	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.280	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.560	0.321	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.560	0.226	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.560	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.560	0.171	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.560	0.095	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.560	0.078	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.560	0.229	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.560	0.061	1
PFOA/PFOS, Total	ND		ng/g	0.280	0.047	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 RE
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	80		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	61		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 RE
 Client ID: RI-SB-02 (10-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 11:53
 Analyst: AC
 Percent Solids: 87%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.560	0.110	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			65		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06 D
 Client ID: RI-SB-02 (10-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/22/23 07:20
 Analyst: IM
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab						

Naphthalene	14000		ug/kg	950	120	5

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 07:28
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	1300		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-07

Date Collected: 09/15/23 10:30

Client ID: RI-SB-02 (10.5-11)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	22	J	ug/kg	180	18.	1
Phenanthrene	26	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	1000		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	29	J	ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	40500	J	ug/kg			1
Unknown Benzene	835	J	ug/kg			1
Unknown Benzene	1400	J	ug/kg			1
Unknown Benzene	3860	J	ug/kg			1
Unknown Benzene	1080	J	ug/kg			1
Unknown Benzene	2000	J	ug/kg			1
Unknown Benzene	2750	J	ug/kg			1
Unknown Benzene	2920	J	ug/kg			1
Indane	1160	NJ	ug/kg			1
Unknown	1520	J	ug/kg			1
Unknown Benzene	2560	J	ug/kg			1
Benzene, Propyl-	1980	NJ	ug/kg			1
Unknown Benzene	10200	J	ug/kg			1
Unknown	856	J	ug/kg			1
Unknown Benzene	6500	J	ug/kg			1
Unknown	877	J	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	76		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07 RE
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 06:55
Analyst: PS
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.509	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.509	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.254	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.509	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.254	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.254	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.254	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.509	0.183	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.509	0.139	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.254	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.254	0.132	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.254	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.509	0.292	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.509	0.205	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.509	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.509	0.156	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.509	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.509	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.509	0.208	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.509	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.254	0.043	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07 RE
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	83		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	64		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	76	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	62		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	39		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	38		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07 RE
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 11:59
Analyst: AC
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.509	0.100	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			74		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 07:04
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-08
 Client ID: RI-SB-01 (2.5-3)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	74		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08 RE
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 07:11
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.493	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.493	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.246	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.493	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.246	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.246	0.060	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.246	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.493	0.177	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.493	0.134	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.246	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.246	0.128	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.246	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.493	0.283	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.493	0.199	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.493	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.493	0.151	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.493	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.493	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.493	0.202	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.493	0.053	1
PFOA/PFOS, Total	ND		ng/g	0.246	0.041	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08 RE
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	81		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	69		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08 RE
 Client ID: RI-SB-01 (2.5-3)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 12:05
 Analyst: AC
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.493	0.097	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73			10-117		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 02:16
Analyst: ALS
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09 RE
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 07:28
Analyst: PS
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.506	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.506	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.253	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.506	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.253	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.253	0.061	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.253	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.506	0.182	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.506	0.138	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.253	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.253	0.132	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.253	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.506	0.290	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.506	0.204	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.506	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.506	0.155	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.506	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.506	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.506	0.207	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.506	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.253	0.042	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09 RE
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	72		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	66		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	39		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09 RE
 Client ID: RI-SB-01 (9-9.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 12:18
 Analyst: AC
 Percent Solids: 93%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.506	0.099	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			75		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 04:40
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

Total TIC Compounds	474	J	ug/kg	1
Unknown	234	J	ug/kg	1
Unknown	240	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	73		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10 RE
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 07:44
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.521	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.521	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.260	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.521	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.260	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.260	0.063	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.260	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.521	0.187	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.521	0.142	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.260	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.260	0.135	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.260	0.070	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.521	0.299	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.521	0.210	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.521	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.521	0.159	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.521	0.088	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.521	0.073	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.521	0.213	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.521	0.056	1
PFOA/PFOS, Total	ND		ng/g	0.260	0.044	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10 RE
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	81		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	80		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	87		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10 RE
 Client ID: RI-SB-01 (10-10.5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 12:24
 Analyst: AC
 Percent Solids: 92%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.521	0.102	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			57		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:04
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

Total TIC Compounds	156	J	ug/kg	1
Unknown	156	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	81		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11 RE
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 08:26
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.533	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.533	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.533	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.533	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.533	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.533	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.533	0.215	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.533	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.533	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.533	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.533	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.533	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.533	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.533	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.266	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11 RE
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro[13C4]Butanoic Acid (MPFBA)	84				61-135	
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85				58-150	
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93				74-139	
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85				66-128	
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81				71-129	
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84				78-139	
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82				75-130	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	79				20-154	
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78				72-140	
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86				79-136	
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83				75-130	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	87				19-175	
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57				31-134	
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				61-155	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	67				10-117	
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82				34-137	
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92				54-150	
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74				24-159	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 00:17
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-12

Date Collected: 09/15/23 00:00

Client ID: DUP20230915

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	76		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12 RE
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 08:42
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.480	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.480	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.240	0.037	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.480	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.240	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.240	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.240	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.480	0.172	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.480	0.131	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.240	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.240	0.125	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.240	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.480	0.275	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.480	0.193	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.480	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.480	0.147	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.480	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.480	0.067	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.480	0.196	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.480	0.052	1
PFOA/PFOS, Total	ND		ng/g	0.240	0.040	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12 RE
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	66		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	73	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	60		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	58		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	44		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12 RE
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 12:30
Analyst: AC
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.480	0.094	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	61			10-117		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:53
Analyst: ALS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	73		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14 RE
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 08:59
Analyst: PS
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.487	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.487	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.243	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.487	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.243	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.243	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.243	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.487	0.175	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.487	0.133	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.243	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.243	0.126	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.243	0.065	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.487	0.279	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.487	0.196	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.487	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.487	0.149	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.487	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.487	0.068	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.487	0.199	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.487	0.053	1
PFOA/PFOS, Total	ND		ng/g	0.243	0.041	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14 RE
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	23	Q	61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	24	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	31	Q	66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	38	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	46	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	48	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	60	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	33		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	28	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14 RE
 Client ID: RI-SB-07 (4.5-5)
 Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/29/23 12:36
 Analyst: AC
 Percent Solids: 90%

Extraction Method: ALPHA 23528
 Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.487	0.095	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			70		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 06:40
Analyst: ALS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	69		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15 RE
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 09:15
Analyst: PS
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.485	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.485	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.242	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.485	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.242	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.242	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.242	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.485	0.174	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.485	0.132	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.242	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.242	0.126	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.242	0.065	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.485	0.278	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.485	0.195	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.485	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.485	0.148	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.485	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.485	0.068	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.485	0.198	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.485	0.052	1
PFOA/PFOS, Total	ND		ng/g	0.242	0.041	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15 RE
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	64		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	80		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	81		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15 RE
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 12:42
Analyst: AC
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.485	0.095	1
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73			10-117		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:29
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	73		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16 RE
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 09:32
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.476	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.476	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.238	0.037	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.476	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.238	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.238	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.238	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.476	0.171	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.476	0.130	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.238	0.071	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.238	0.124	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.238	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.476	0.273	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.476	0.192	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.476	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.476	0.146	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.476	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.476	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.476	0.195	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.476	0.051	1
PFOA/PFOS, Total	ND		ng/g	0.238	0.040	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16 RE
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	82		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	80		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	40		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16 RE
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 12:49
Analyst: AC
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.476	0.093	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			75		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 23:29
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	80		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17 RE
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 09:49
Analyst: PS
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.480	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.480	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.240	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.480	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.240	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.240	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.240	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.480	0.172	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.480	0.131	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.240	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.240	0.125	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.240	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.480	0.276	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.480	0.194	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.480	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.480	0.147	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.480	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.480	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.480	0.196	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.480	0.052	1
PFOA/PFOS, Total	ND		ng/g	0.240	0.040	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17 RE
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	79		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	69		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	66		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17 RE
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 12:55
Analyst: AC
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.480	0.094	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			81		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/19/23 06:04
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/16/23 23:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	20.0	J	ug/l	1
Unknown Organic Acid	8.18	J	ug/l	1
Unknown	5.27	J	ug/l	1
Unknown	1.78	J	ug/l	1
Unknown Organic Acid	4.73	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	51		41-149

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/17/23 21:42
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/16/23 23:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	65		41-149

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/25/23 19:22
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 09/22/23 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	142	32.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	35			15-110		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/23/23 19:30
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 09/22/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.91	0.389	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.91	0.378	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.91	0.227	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.91	0.313	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.91	0.215	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.91	0.359	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.91	0.225	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.91	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.91	0.656	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.91	0.298	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.91	0.481	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.91	0.290	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.91	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.91	0.618	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.91	0.248	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.91	0.935	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.91	0.553	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.91	0.767	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.91	0.355	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.91	0.312	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.91	0.237	1
PFOA/PFOS, Total	ND		ng/l	1.91	0.225	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	118		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	137		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	90		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 20:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/16/23 07:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1828211-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 20:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/16/23 07:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1828211-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 09/17/23 20:54
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 07:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1828211-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	17.9	J	ug/l
Unknown Organic Acid	10.4	J	ug/l
Unknown	1.71	J	ug/l
Unknown	1.85	J	ug/l
Unknown	3.96	J	ug/l

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 09/17/23 20:54
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 07:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1828211-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	46		41-149

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/17/23 22:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/16/23 07:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 18 Batch: WG1828215-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 22:32
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 07:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 18 Batch: WG1828215-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	52		41-149

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/18/23 22:17
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12,14-17 Batch: WG1828351-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/18/23 22:17
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12,14-17 Batch: WG1828351-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/18/23 22:17
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 09/16/23 18:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12,14-17 Batch: WG1828351-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	64		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/23/23 18:23
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 09/22/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 18 Batch: WG1830905-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/23/23 18:23
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 09/22/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 18 Batch: WG1830905-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	107		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	110		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		22-136

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/25/23 10:53
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/22/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 18 Batch: WG1830905-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	72		10-112

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/25/23 12:42
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 09/22/23 20:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 18 Batch: WG1830958-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	26		15-110

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 04:42
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-12,14-17 Batch: WG1832841-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 04:42
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-12,14-17 Batch: WG1832841-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	94		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	76		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	86		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/29/23 11:22
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/27/23 21:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-12,14-17 Batch: WG1832841-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	75		10-117

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1828211-2 WG1828211-3								
Acenaphthene	61		59		37-111	3		30
1,2,4-Trichlorobenzene	64		66		39-98	3		30
Hexachlorobenzene	80		81		40-140	1		30
Bis(2-chloroethyl)ether	53		53		40-140	0		30
2-Chloronaphthalene	63		66		40-140	5		30
1,2-Dichlorobenzene	52		56		40-140	7		30
1,3-Dichlorobenzene	52		53		40-140	2		30
1,4-Dichlorobenzene	56		56		36-97	0		30
3,3'-Dichlorobenzidine	55		53		40-140	4		30
2,4-Dinitrotoluene	62		65		48-143	5		30
2,6-Dinitrotoluene	69		65		40-140	6		30
Fluoranthene	64		65		40-140	2		30
4-Chlorophenyl phenyl ether	64		66		40-140	3		30
4-Bromophenyl phenyl ether	70		76		40-140	8		30
Bis(2-chloroisopropyl)ether	54		56		40-140	4		30
Bis(2-chloroethoxy)methane	62		60		40-140	3		30
Hexachlorobutadiene	75		68		40-140	10		30
Hexachlorocyclopentadiene	72		73		40-140	1		30
Hexachloroethane	61		67		40-140	9		30
Isophorone	59		59		40-140	0		30
Naphthalene	56		59		40-140	5		30
Nitrobenzene	62		61		40-140	2		30
NDPA/DPA	62		62		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1828211-2 WG1828211-3								
n-Nitrosodi-n-propylamine	69		66		29-132	4		30
Bis(2-ethylhexyl)phthalate	76		83		40-140	9		30
Butyl benzyl phthalate	69		73		40-140	6		30
Di-n-butylphthalate	67		68		40-140	1		30
Di-n-octylphthalate	71		73		40-140	3		30
Diethyl phthalate	66		68		40-140	3		30
Dimethyl phthalate	69		70		40-140	1		30
Benzo(a)anthracene	64		66		40-140	3		30
Benzo(a)pyrene	70		72		40-140	3		30
Benzo(b)fluoranthene	51		67		40-140	27		30
Benzo(k)fluoranthene	63		65		40-140	3		30
Chrysene	65		63		40-140	3		30
Acenaphthylene	71		71		45-123	0		30
Anthracene	61		64		40-140	5		30
Benzo(ghi)perylene	64		69		40-140	8		30
Fluorene	61		63		40-140	3		30
Phenanthrene	61		62		40-140	2		30
Dibenzo(a,h)anthracene	60		63		40-140	5		30
Indeno(1,2,3-cd)pyrene	59		64		40-140	8		30
Pyrene	64		65		26-127	2		30
Biphenyl	50		52		40-140	4		30
4-Chloroaniline	70		60		40-140	15		30
2-Nitroaniline	67		71		52-143	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1828211-2 WG1828211-3								
3-Nitroaniline	62		60		25-145	3		30
4-Nitroaniline	65		65		51-143	0		30
Dibenzofuran	65		65		40-140	0		30
2-Methylnaphthalene	71		73		40-140	3		30
1,2,4,5-Tetrachlorobenzene	54		55		2-134	2		30
Acetophenone	47		47		39-129	0		30
2,4,6-Trichlorophenol	82		81		30-130	1		30
p-Chloro-m-cresol	69		70		23-97	1		30
2-Chlorophenol	59		58		27-123	2		30
2,4-Dichlorophenol	75		72		30-130	4		30
2,4-Dimethylphenol	62		67		30-130	8		30
2-Nitrophenol	72		61		30-130	17		30
4-Nitrophenol	65		72		10-80	10		30
2,4-Dinitrophenol	53		54		20-130	2		30
4,6-Dinitro-o-cresol	75		69		20-164	8		30
Pentachlorophenol	71		70		9-103	1		30
Phenol	46		46		12-110	0		30
2-Methylphenol	60		60		30-130	0		30
3-Methylphenol/4-Methylphenol	64		64		30-130	0		30
2,4,5-Trichlorophenol	88		90		30-130	2		30
Benzoic Acid	69		77		10-164	11		30
Benzyl Alcohol	64		67		26-116	5		30
Carbazole	63		66		55-144	5		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1828211-2 WG1828211-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		50		21-120
Phenol-d6	44		45		10-120
Nitrobenzene-d5	57		53		23-120
2-Fluorobiphenyl	59		58		15-120
2,4,6-Tribromophenol	88		94		10-120
4-Terphenyl-d14	54		53		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 18 Batch: WG1828215-2 WG1828215-3								
Acenaphthene	70		68		40-140	3		40
2-Chloronaphthalene	67		64		40-140	5		40
Fluoranthene	64		62		40-140	3		40
Hexachlorobutadiene	64		62		40-140	3		40
Naphthalene	65		62		40-140	5		40
Benzo(a)anthracene	71		69		40-140	3		40
Benzo(a)pyrene	78		77		40-140	1		40
Benzo(b)fluoranthene	74		77		40-140	4		40
Benzo(k)fluoranthene	84		77		40-140	9		40
Chrysene	72		72		40-140	0		40
Acenaphthylene	69		66		40-140	4		40
Anthracene	75		73		40-140	3		40
Benzo(ghi)perylene	83		81		40-140	2		40
Fluorene	70		67		40-140	4		40
Phenanthrene	72		69		40-140	4		40
Dibenzo(a,h)anthracene	84		82		40-140	2		40
Indeno(1,2,3-cd)pyrene	74		74		40-140	0		40
Pyrene	63		60		40-140	5		40
2-Methylnaphthalene	67		64		40-140	5		40
Pentachlorophenol	63		66		40-140	5		40
Hexachlorobenzene	81		79		40-140	3		40
Hexachloroethane	60		58		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 18 Batch: WG1828215-2 WG1828215-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		52		21-120
Phenol-d6	46		45		10-120
Nitrobenzene-d5	64		62		23-120
2-Fluorobiphenyl	59		57		15-120
2,4,6-Tribromophenol	77		75		10-120
4-Terphenyl-d14	54		51		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-17 Batch: WG1828351-2 WG1828351-3								
Acenaphthene	57		67		31-137	16		50
1,2,4-Trichlorobenzene	65		81		38-107	22		50
Hexachlorobenzene	72		85		40-140	17		50
Bis(2-chloroethyl)ether	64		74		40-140	14		50
2-Chloronaphthalene	73		88		40-140	19		50
1,2-Dichlorobenzene	57		68		40-140	18		50
1,3-Dichlorobenzene	58		68		40-140	16		50
1,4-Dichlorobenzene	58		68		28-104	16		50
3,3'-Dichlorobenzidine	56		63		40-140	12		50
2,4-Dinitrotoluene	74		88		40-132	17		50
2,6-Dinitrotoluene	84		101		40-140	18		50
Fluoranthene	65		78		40-140	18		50
4-Chlorophenyl phenyl ether	67		80		40-140	18		50
4-Bromophenyl phenyl ether	73		86		40-140	16		50
Bis(2-chloroisopropyl)ether	56		68		40-140	19		50
Bis(2-chloroethoxy)methane	64		78		40-117	20		50
Hexachlorobutadiene	71		87		40-140	20		50
Hexachlorocyclopentadiene	57		72		40-140	23		50
Hexachloroethane	59		70		40-140	17		50
Isophorone	63		76		40-140	19		50
Naphthalene	56		67		40-140	18		50
Nitrobenzene	61		75		40-140	21		50
NDPA/DPA	66		78		36-157	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-17 Batch: WG1828351-2 WG1828351-3								
n-Nitrosodi-n-propylamine	65		79		32-121	19		50
Bis(2-ethylhexyl)phthalate	64		75		40-140	16		50
Butyl benzyl phthalate	69		79		40-140	14		50
Di-n-butylphthalate	62		73		40-140	16		50
Di-n-octylphthalate	68		82		40-140	19		50
Diethyl phthalate	68		79		40-140	15		50
Dimethyl phthalate	76		91		40-140	18		50
Benzo(a)anthracene	64		76		40-140	17		50
Benzo(a)pyrene	66		78		40-140	17		50
Benzo(b)fluoranthene	63		72		40-140	13		50
Benzo(k)fluoranthene	60		74		40-140	21		50
Chrysene	62		75		40-140	19		50
Acenaphthylene	67		80		40-140	18		50
Anthracene	58		70		40-140	19		50
Benzo(ghi)perylene	59		71		40-140	18		50
Fluorene	63		76		40-140	19		50
Phenanthrene	57		69		40-140	19		50
Dibenzo(a,h)anthracene	59		71		40-140	18		50
Indeno(1,2,3-cd)pyrene	68		81		40-140	17		50
Pyrene	65		77		35-142	17		50
Biphenyl	73		86		37-127	16		50
4-Chloroaniline	43		52		40-140	19		50
2-Nitroaniline	82		97		47-134	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-17 Batch: WG1828351-2 WG1828351-3								
3-Nitroaniline	62		73		26-129	16		50
4-Nitroaniline	66		75		41-125	13		50
Dibenzofuran	63		74		40-140	16		50
2-Methylnaphthalene	63		75		40-140	17		50
1,2,4,5-Tetrachlorobenzene	86		103		40-117	18		50
Acetophenone	61		74		14-144	19		50
2,4,6-Trichlorophenol	86		101		30-130	16		50
p-Chloro-m-cresol	72		84		26-103	15		50
2-Chlorophenol	62		75		25-102	19		50
2,4-Dichlorophenol	77		94		30-130	20		50
2,4-Dimethylphenol	56		67		30-130	18		50
2-Nitrophenol	68		85		30-130	22		50
4-Nitrophenol	76		85		11-114	11		50
2,4-Dinitrophenol	77		90		4-130	16		50
4,6-Dinitro-o-cresol	83		97		10-130	16		50
Pentachlorophenol	67		82		17-109	20		50
Phenol	62		74		26-90	18		50
2-Methylphenol	63		77		30-130	20		50
3-Methylphenol/4-Methylphenol	65		79		30-130	19		50
2,4,5-Trichlorophenol	88		106		30-130	19		50
Benzoic Acid	18		33		10-110	59	Q	50
Benzyl Alcohol	63		80		40-140	24		50
Carbazole	59		69		54-128	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-17 Batch: WG1828351-2 WG1828351-3								
1,4-Dioxane	50		50		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		73		25-120
Phenol-d6	67		77		10-120
Nitrobenzene-d5	65		77		23-120
2-Fluorobiphenyl	69		81		30-120
2,4,6-Tribromophenol	70		81		10-136
4-Terphenyl-d14	60		68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354249

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18 Batch: WG1830905-2								
Perfluorobutanoic Acid (PFBA)	109		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	108		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	113		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	104		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	103		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	109		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	105		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	118		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	109		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	103		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	118		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	112		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18 Batch: WG1830905-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	108				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	141				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	157				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80				22-136

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18 Batch: WG1830905-2								
Perfluorooctanesulfonamide (FOSA)	100		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	70				10-112

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 18 Batch: WG1830958-2 WG1830958-3								
1,4-Dioxane	120		120		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	30		30		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-12,14-17 Batch: WG1832841-2								
Perfluorobutanoic Acid (PFBA)	111		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	111		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	115		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	109		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	112		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	101		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	108		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	116		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	109		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	103		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	98		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	104		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	110		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	87		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-12,14-17 Batch: WG1832841-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95				24-159

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-12,14-17 Batch: WG1832841-2								
Perfluorooctanesulfonamide (FOSA)	88		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	79				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354249

Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1830905-3 WG1830905-4 QC Sample: L2354271-04 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	1.09J	34	39.7	114		38.0	109		67-148	4		30
Perfluoropentanoic Acid (PFPeA)	1.17J	34	38.7	110		36.6	104		63-161	6		30
Perfluorobutanesulfonic Acid (PFBS)	0.525J	30.2	34.8	113		32.5	106		65-157	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	31.9	34.8	109		35.4	111		37-219	2		30
Perfluorohexanoic Acid (PFHxA)	0.803J	34	39.3	113		37.5	108		69-168	5		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	32	34.7	108		34.8	109		52-156	0		30
Perfluoroheptanoic Acid (PFHpA)	0.478JF	34	38.0	110		38.6	112		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	0.336JF	31.1	34.8	111		33.6	107		69-177	4		30
Perfluorooctanoic Acid (PFOA)	2.46	34	41.4	114		39.6	109		63-159	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	32.4	35.5	110		32.7	101		49-187	8		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	32.4	42.4	131		38.2	118		61-179	10		30
Perfluorononanoic Acid (PFNA)	ND	34	41.4	122		37.9	111		68-171	9		30
Perfluorooctanesulfonic Acid (PFOS)	ND	31.6	37.9	120		33.9	107		52-151	11		30
Perfluorodecanoic Acid (PFDA)	ND	34	38.4	113		34.4	101		63-171	11		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	32.6	43.0	132		43.9	134		56-173	2		30
Perfluorononanesulfonic Acid (PFNS)	ND	32.7	35.2	108		32.9	101		48-150	7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	34	31.2	92		33.4	98		60-166	7		30
Perfluoroundecanoic Acid (PFUnA)	ND	34	39.5	116		35.9	106		60-153	10		30
Perfluorodecanesulfonic Acid (PFDS)	ND	32.8	30.0	91		29.8	91		38-156	1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	34	37.5	110		33.8	99		45-170	10		30
Perfluorododecanoic Acid (PFDoA)	ND	34	35.8	105		33.6	99		67-153	6		30
Perfluorotridecanoic Acid (PFTrDA)	ND	34	42.0	123		33.8	99		48-158	22		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1830905-3 WG1830905-4 QC Sample: L2354271-04 Client ID: MS Sample												
Perfluorotetradecanoic Acid (PFTA)	ND	34	39.7	117		34.6	102		59-182	14		30

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		101		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	112		101		12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	114		109		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	53		47		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		41		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		71		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		68		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		62		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		62		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		89		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		69		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		63		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		62		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		69		62-163
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		85		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		65		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		67		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		97		70-131

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354249

Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1832841-3 WG1832841-4 QC Sample: L2355929-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	4.96	5.15	104		4.91	102		71-135	5		30
Perfluoropentanoic Acid (PFPeA)	ND	4.96	4.94	100		4.91	102		69-132	1		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.4	4.58	104		4.30	101		72-128	6		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	4.65	4.77	103		4.37	97		62-145	9		30
Perfluorohexanoic Acid (PFHxA)	ND	4.96	5.06	102		4.89	102		70-132	3		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	4.67	5.16	110		4.78	106		73-123	8		30
Perfluoroheptanoic Acid (PFHpA)	ND	4.96	5.25	106		4.96	103		71-131	6		30
Perfluorohexanesulfonic Acid (PFHxS)	0.082J	4.53	4.72	102		4.42	99		67-130	7		30
Perfluorooctanoic Acid (PFOA)	0.084JF	4.96	5.06	100		4.94	101		69-133	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	4.72	4.37	93		4.30	94		64-140	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.73	4.84	102		4.81	105		70-132	1		30
Perfluorononanoic Acid (PFNA)	ND	4.96	5.38	109		5.18	108		72-129	4		30
Perfluorooctanesulfonic Acid (PFOS)	0.564	4.6	5.04	97		5.04	100		68-136	0		30
Perfluorodecanoic Acid (PFDA)	ND	4.96	5.03	101		4.85	101		69-133	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	4.76	4.84	102		4.23	92		65-137	13		30
Perfluorononanesulfonic Acid (PFNS)	ND	4.77	4.65	98		4.55	99		69-125	2		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	4.96	6.11	123		5.04	105		63-144	19		30
Perfluoroundecanoic Acid (PFUnA)	ND	4.96	5.16	104		5.15	107		64-136	0		30
Perfluorodecanesulfonic Acid (PFDS)	ND	4.79	4.11	86		4.49	97		59-134	9		30
Perfluorooctanesulfonamide (FOSA)	ND	4.96	5.03F	101		4.54F	95		67-137	10		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	4.96	5.76	116		5.02	105		61-139	14		30
Perfluorododecanoic Acid (PFDoA)	ND	4.96	4.68	94		4.33	90		69-135	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1832841-3 WG1832841-4 QC Sample: L2355929-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	4.96	5.60	113		5.04	105		66-139	11		30
Perfluorotetradecanoic Acid (PFTA)	ND	4.96	5.40	109		5.10	106		69-133	6		30

Surrogate (Extracted Internal Standard)	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	118		100		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	84		85		14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	82		78		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		43		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		41		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		85		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		85		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		92		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		87		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		93		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		84		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		73		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		83		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83		82		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47		66		10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		90		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		85		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		80		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		99		74-139

PCBS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 11:46
Analyst: ER
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.31	1	A
Aroclor 1248	ND		ug/kg	54.2	8.13	1	A
Aroclor 1254	ND		ug/kg	54.2	5.93	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.62	1	A
PCBs, Total	ND		ug/kg	54.2	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 11:54
Analyst: ER
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.6	4.49	1	A
Aroclor 1221	ND		ug/kg	50.6	5.06	1	A
Aroclor 1232	ND		ug/kg	50.6	10.7	1	A
Aroclor 1242	ND		ug/kg	50.6	6.82	1	A
Aroclor 1248	ND		ug/kg	50.6	7.58	1	A
Aroclor 1254	ND		ug/kg	50.6	5.53	1	A
Aroclor 1260	ND		ug/kg	50.6	9.34	1	A
Aroclor 1262	ND		ug/kg	50.6	6.42	1	A
Aroclor 1268	ND		ug/kg	50.6	5.24	1	A
PCBs, Total	ND		ug/kg	50.6	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:03
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.71	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.15	1	A
Aroclor 1248	ND		ug/kg	53.0	7.95	1	A
Aroclor 1254	ND		ug/kg	53.0	5.80	1	A
Aroclor 1260	ND		ug/kg	53.0	9.80	1	A
Aroclor 1262	ND		ug/kg	53.0	6.73	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:11
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.63	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.64	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:20
Analyst: ER
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.95	1	A
Aroclor 1248	ND		ug/kg	51.6	7.73	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.53	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:28
Analyst: ER
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.66	1	A
Aroclor 1248	ND		ug/kg	56.8	8.52	1	A
Aroclor 1254	ND		ug/kg	56.8	6.21	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.21	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	ND		ug/kg	56.8	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:36
Analyst: ER
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.2	4.54	1	A
Aroclor 1221	ND		ug/kg	51.2	5.13	1	A
Aroclor 1232	ND		ug/kg	51.2	10.8	1	A
Aroclor 1242	ND		ug/kg	51.2	6.90	1	A
Aroclor 1248	ND		ug/kg	51.2	7.68	1	A
Aroclor 1254	ND		ug/kg	51.2	5.60	1	A
Aroclor 1260	ND		ug/kg	51.2	9.46	1	A
Aroclor 1262	ND		ug/kg	51.2	6.50	1	A
Aroclor 1268	ND		ug/kg	51.2	5.30	1	A
PCBs, Total	ND		ug/kg	51.2	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:45
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.2	4.55	1	A
Aroclor 1221	ND		ug/kg	51.2	5.14	1	A
Aroclor 1232	ND		ug/kg	51.2	10.9	1	A
Aroclor 1242	ND		ug/kg	51.2	6.91	1	A
Aroclor 1248	ND		ug/kg	51.2	7.69	1	A
Aroclor 1254	ND		ug/kg	51.2	5.61	1	A
Aroclor 1260	ND		ug/kg	51.2	9.47	1	A
Aroclor 1262	ND		ug/kg	51.2	6.51	1	A
Aroclor 1268	ND		ug/kg	51.2	5.31	1	A
PCBs, Total	ND		ug/kg	51.2	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:53
Analyst: ER
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.7	4.76	1	A
Aroclor 1221	ND		ug/kg	53.7	5.38	1	A
Aroclor 1232	ND		ug/kg	53.7	11.4	1	A
Aroclor 1242	ND		ug/kg	53.7	7.23	1	A
Aroclor 1248	ND		ug/kg	53.7	8.05	1	A
Aroclor 1254	ND		ug/kg	53.7	5.87	1	A
Aroclor 1260	ND		ug/kg	53.7	9.92	1	A
Aroclor 1262	ND		ug/kg	53.7	6.82	1	A
Aroclor 1268	ND		ug/kg	53.7	5.56	1	A
PCBs, Total	ND		ug/kg	53.7	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 13:02
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.2	4.55	1	A
Aroclor 1221	ND		ug/kg	51.2	5.13	1	A
Aroclor 1232	ND		ug/kg	51.2	10.8	1	A
Aroclor 1242	ND		ug/kg	51.2	6.90	1	A
Aroclor 1248	ND		ug/kg	51.2	7.68	1	A
Aroclor 1254	ND		ug/kg	51.2	5.60	1	A
Aroclor 1260	ND		ug/kg	51.2	9.46	1	A
Aroclor 1262	ND		ug/kg	51.2	6.50	1	A
Aroclor 1268	ND		ug/kg	51.2	5.30	1	A
PCBs, Total	ND		ug/kg	51.2	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 13:10
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.96	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.54	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 13:19
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.2	4.46	1	A
Aroclor 1221	ND		ug/kg	50.2	5.03	1	A
Aroclor 1232	ND		ug/kg	50.2	10.6	1	A
Aroclor 1242	ND		ug/kg	50.2	6.77	1	A
Aroclor 1248	ND		ug/kg	50.2	7.54	1	A
Aroclor 1254	ND		ug/kg	50.2	5.50	1	A
Aroclor 1260	ND		ug/kg	50.2	9.28	1	A
Aroclor 1262	ND		ug/kg	50.2	6.38	1	A
Aroclor 1268	ND		ug/kg	50.2	5.20	1	A
PCBs, Total	ND		ug/kg	50.2	4.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 13:27
Analyst: ER
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.82	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.31	1	A
Aroclor 1248	ND		ug/kg	54.2	8.13	1	A
Aroclor 1254	ND		ug/kg	54.2	5.93	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.89	1	A
Aroclor 1268	ND		ug/kg	54.2	5.62	1	A
PCBs, Total	ND		ug/kg	54.2	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 13:35
Analyst: ER
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.20	1	A
Aroclor 1248	ND		ug/kg	53.4	8.01	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	ND		ug/kg	53.4	9.86	1	A
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	ND		ug/kg	53.4	5.53	1	A
PCBs, Total	ND		ug/kg	53.4	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 14:01
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.10	1	A
Aroclor 1248	ND		ug/kg	52.7	7.91	1	A
Aroclor 1254	11.7	J	ug/kg	52.7	5.77	1	B
Aroclor 1260	ND		ug/kg	52.7	9.74	1	A
Aroclor 1262	ND		ug/kg	52.7	6.69	1	A
Aroclor 1268	ND		ug/kg	52.7	5.46	1	A
PCBs, Total	11.7	J	ug/kg	52.7	4.68	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 13:52
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 16:39
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.12	1	A
Aroclor 1248	ND		ug/kg	52.8	7.92	1	A
Aroclor 1254	ND		ug/kg	52.8	5.78	1	A
Aroclor 1260	ND		ug/kg	52.8	9.76	1	A
Aroclor 1262	ND		ug/kg	52.8	6.70	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/21/23 16:37
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 03:50
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/18/23 11:20
 Analyst: ER

Extraction Method: EPA 3546
 Extraction Date: 09/16/23 16:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-12,14-17 Batch: WG1828337-1						
Aroclor 1016	ND		ug/kg	47.5	4.22	A
Aroclor 1221	ND		ug/kg	47.5	4.76	A
Aroclor 1232	ND		ug/kg	47.5	10.1	A
Aroclor 1242	ND		ug/kg	47.5	6.41	A
Aroclor 1248	ND		ug/kg	47.5	7.13	A
Aroclor 1254	ND		ug/kg	47.5	5.20	A
Aroclor 1260	ND		ug/kg	47.5	8.78	A
Aroclor 1262	ND		ug/kg	47.5	6.04	A
Aroclor 1268	ND		ug/kg	47.5	4.92	A
PCBs, Total	ND		ug/kg	47.5	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/21/23 16:09
 Analyst: AD

Extraction Method: EPA 3510C
 Extraction Date: 09/21/23 03:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 18 Batch: WG1830048-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-12,14-17 Batch: WG1828337-2 WG1828337-3									
Aroclor 1016	78		79		40-140	1		50	A
Aroclor 1260	70		71		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		71		30-150	A
Decachlorobiphenyl	63		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		73		30-150	B
Decachlorobiphenyl	63		68		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 18 Batch: WG1830048-2 WG1830048-3									
Aroclor 1016	65		69		40-140	7		50	A
Aroclor 1260	58		64		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	A
Decachlorobiphenyl	77		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		78		30-150	B
Decachlorobiphenyl	79		88		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 22:22
Analyst: ER
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.320	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.650	1	A
Heptachlor	ND		ug/kg	0.858	0.384	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.01	1	A
cis-Chlordane	ND		ug/kg	2.14	0.598	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 22:34
Analyst: ER
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.865	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.974	1	A
Endrin	ND		ug/kg	0.721	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.757	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.09	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.571	1	A
Chlordane	ND		ug/kg	14.4	5.73	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 22:45
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.91	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 22:56
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.864	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.08	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.73	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 23:07
Analyst: ER
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.597	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 23:18
Analyst: ER
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.746	0.334	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.93	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 23:29
Analyst: ER
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.340	1	A
Lindane	ND		ug/kg	0.723	0.323	1	A
Alpha-BHC	ND		ug/kg	0.723	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.658	1	A
Heptachlor	ND		ug/kg	0.867	0.389	1	A
Aldrin	ND		ug/kg	1.73	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.976	1	A
Endrin	ND		ug/kg	0.723	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.759	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	ND		ug/kg	1.73	0.401	1	A
4,4'-DDD	ND		ug/kg	1.73	0.618	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.410	1	A
Endosulfan II	ND		ug/kg	1.73	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.723	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.10	1	A
cis-Chlordane	ND		ug/kg	2.17	0.604	1	A
trans-Chlordane	ND		ug/kg	2.17	0.572	1	A
Chlordane	ND		ug/kg	14.4	5.74	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-07

Date Collected: 09/15/23 10:30

Client ID: RI-SB-02 (10.5-11)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 23:40
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.941	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.04	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.78	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 23:51
Analyst: ER
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.332	1	A
Methoxychlor	ND		ug/kg	3.13	0.975	1	A
Toxaphene	ND		ug/kg	31.3	8.78	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 00:01
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 00:13
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.950	1	A
Endrin	ND		ug/kg	0.704	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.985	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 00:24
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:12
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.718	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	ND		ug/kg	1.72	0.399	1	A
4,4'-DDD	ND		ug/kg	1.72	0.615	1	A
4,4'-DDT	ND		ug/kg	1.72	1.39	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.569	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 00:35
Analyst: ER
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.986	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 00:46
Analyst: ER
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.318	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.533	1	A
4,4'-DDE	ND		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 00:57
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.322	1	A
Lindane	ND		ug/kg	0.686	0.307	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.624	1	A
Heptachlor	ND		ug/kg	0.824	0.369	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.926	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.721	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.515	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.587	1	A
4,4'-DDT	ND		ug/kg	1.65	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.961	1	A
Toxaphene	ND		ug/kg	30.9	8.65	1	A
cis-Chlordane	ND		ug/kg	2.06	0.574	1	A
trans-Chlordane	ND		ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.7	5.46	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 01:08
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 17:15
Cleanup Method: EPA 3620B
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.855	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	14.2	5.67	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/21/23 00:12
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 04:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-18

Date Collected: 09/15/23 15:00

Client ID: FB20230915

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/19/23 16:50
 Analyst: EJJ

Extraction Method: EPA 3546
 Extraction Date: 09/16/23 17:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12,14-17 Batch: WG1828343-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.784	0.352	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.882	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.686	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.980	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.915	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	13.1	5.20	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/19/23 16:50
 Analyst: EJL

Extraction Method: EPA 3546
 Extraction Date: 09/16/23 17:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12,14-17 Batch: WG1828343-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/23 14:43
Analyst: EJJ

Extraction Method: EPA 3510C
Extraction Date: 09/19/23 04:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18 Batch: WG1828994-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/19/23 14:43
 Analyst: EJJ

Extraction Method: EPA 3510C
 Extraction Date: 09/19/23 04:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18 Batch: WG1828994-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	93		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12,14-17 Batch: WG1828343-2 WG1828343-3									
Delta-BHC	78		67		30-150	15		30	A
Lindane	72		61		30-150	17		30	A
Alpha-BHC	76		64		30-150	17		30	A
Beta-BHC	77		69		30-150	11		30	A
Heptachlor	73		62		30-150	16		30	A
Aldrin	73		62		30-150	16		30	A
Heptachlor epoxide	70		60		30-150	15		30	A
Endrin	74		64		30-150	14		30	A
Endrin aldehyde	63		54		30-150	15		30	A
Endrin ketone	80		69		30-150	15		30	A
Dieldrin	79		68		30-150	15		30	A
4,4'-DDE	74		64		30-150	14		30	A
4,4'-DDD	79		68		30-150	15		30	A
4,4'-DDT	80		69		30-150	15		30	A
Endosulfan I	72		62		30-150	15		30	A
Endosulfan II	76		65		30-150	16		30	A
Endosulfan sulfate	72		62		30-150	15		30	A
Methoxychlor	74		62		30-150	18		30	A
cis-Chlordane	79		69		30-150	14		30	A
trans-Chlordane	84		73		30-150	14		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12,14-17 Batch: WG1828343-2 WG1828343-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		57		30-150	A
Decachlorobiphenyl	87		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		62		30-150	B
Decachlorobiphenyl	93		74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354249

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18 Batch: WG1828994-2 WG1828994-3									
Delta-BHC	69		69		30-150	1		20	A
Lindane	68		69		30-150	1		20	A
Alpha-BHC	67		66		30-150	3		20	A
Beta-BHC	66		67		30-150	1		20	A
Heptachlor	62		63		30-150	0		20	A
Aldrin	57		59		30-150	2		20	A
Heptachlor epoxide	59		60		30-150	2		20	A
Endrin	68		69		30-150	2		20	A
Endrin aldehyde	50		50		30-150	0		20	A
Endrin ketone	63		68		30-150	7		20	A
Dieldrin	64		66		30-150	2		20	A
4,4'-DDE	62		66		30-150	6		20	A
4,4'-DDD	67		67		30-150	0		20	A
4,4'-DDT	66		68		30-150	2		20	A
Endosulfan I	61		62		30-150	1		20	A
Endosulfan II	63		64		30-150	1		20	A
Endosulfan sulfate	61		62		30-150	2		20	A
Methoxychlor	71		71		30-150	0		20	A
cis-Chlordane	53		55		30-150	5		20	A
trans-Chlordane	64		64		30-150	0		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18 Batch: WG1828994-2 WG1828994-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		64		30-150	A
Decachlorobiphenyl	69		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		62		30-150	B
Decachlorobiphenyl	72		72		30-150	B

METALS

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-01

Date Collected: 09/15/23 09:25

Client ID: RI-SB-03 (1.5-2)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15000		mg/kg	8.60	2.32	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.30	0.327	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.25		mg/kg	0.860	0.179	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Barium, Total	190		mg/kg	0.860	0.150	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.785		mg/kg	0.430	0.028	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.860	0.084	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Calcium, Total	2820		mg/kg	8.60	3.01	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Chromium, Total	26.5		mg/kg	0.860	0.083	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Cobalt, Total	11.1		mg/kg	1.72	0.143	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Copper, Total	19.0		mg/kg	0.860	0.222	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Iron, Total	25800		mg/kg	4.30	0.776	2	09/19/23 23:04	09/20/23 13:38	EPA 3050B	1,6010D	DMB
Lead, Total	4.97		mg/kg	4.30	0.230	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Magnesium, Total	7520		mg/kg	8.60	1.32	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Manganese, Total	281		mg/kg	0.860	0.137	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.079	0.052	1	09/19/23 23:45	09/20/23 15:23	EPA 7471B	1,7471B	GMG
Nickel, Total	19.8		mg/kg	2.15	0.208	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Potassium, Total	7450		mg/kg	215	12.4	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.430	0.243	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Sodium, Total	272		mg/kg	172	2.71	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Thallium, Total	0.437	J	mg/kg	1.72	0.271	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Vanadium, Total	36.6		mg/kg	0.860	0.174	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB
Zinc, Total	61.6		mg/kg	4.30	0.252	2	09/19/23 23:04	09/20/23 10:21	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-02

Date Collected: 09/15/23 09:30

Client ID: RI-SB-03 (5.5-6)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8240		mg/kg	8.57	2.31	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.28	0.326	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.653	J	mg/kg	0.857	0.178	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Barium, Total	108		mg/kg	0.857	0.149	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.459		mg/kg	0.428	0.028	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.857	0.084	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Calcium, Total	8710		mg/kg	8.57	3.00	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Chromium, Total	14.5		mg/kg	0.857	0.082	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.36		mg/kg	1.71	0.142	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Copper, Total	10.2		mg/kg	0.857	0.221	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Iron, Total	14200		mg/kg	4.28	0.774	2	09/19/23 23:04	09/20/23 13:24	EPA 3050B	1,6010D	DMB
Lead, Total	2.34	J	mg/kg	4.28	0.230	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Magnesium, Total	7580		mg/kg	8.57	1.32	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Manganese, Total	170		mg/kg	0.857	0.136	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.086	0.056	1	09/19/23 23:45	09/20/23 15:26	EPA 7471B	1,7471B	GMG
Nickel, Total	11.0		mg/kg	2.14	0.207	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Potassium, Total	4290		mg/kg	214	12.3	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.71	0.221	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.428	0.242	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Sodium, Total	97.0	J	mg/kg	171	2.70	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.71	0.270	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Vanadium, Total	20.2		mg/kg	0.857	0.174	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB
Zinc, Total	32.1		mg/kg	4.28	0.251	2	09/19/23 23:04	09/20/23 10:07	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-03

Date Collected: 09/15/23 09:35

Client ID: RI-SB-03 (11.5-12)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	8.60	2.32	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.30	0.327	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.720	J	mg/kg	0.860	0.179	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Barium, Total	146		mg/kg	0.860	0.150	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.573		mg/kg	0.430	0.028	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.860	0.084	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Calcium, Total	6210		mg/kg	8.60	3.01	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Chromium, Total	20.5		mg/kg	0.860	0.083	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.56		mg/kg	1.72	0.143	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Copper, Total	13.4		mg/kg	0.860	0.222	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Iron, Total	18700		mg/kg	4.30	0.776	2	09/19/23 23:04	09/20/23 13:29	EPA 3050B	1,6010D	DMB
Lead, Total	3.24	J	mg/kg	4.30	0.230	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Magnesium, Total	6880		mg/kg	8.60	1.32	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Manganese, Total	193		mg/kg	0.860	0.137	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.080	0.052	1	09/19/23 23:45	09/20/23 15:29	EPA 7471B	1,7471B	GMG
Nickel, Total	15.1		mg/kg	2.15	0.208	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Potassium, Total	5970		mg/kg	215	12.4	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.430	0.243	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Sodium, Total	101	J	mg/kg	172	2.71	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Thallium, Total	0.352	J	mg/kg	1.72	0.271	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Vanadium, Total	27.4		mg/kg	0.860	0.174	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB
Zinc, Total	43.8		mg/kg	4.30	0.252	2	09/19/23 23:04	09/20/23 10:11	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-04

Date Collected: 09/15/23 10:15

Client ID: RI-SB-02 (4.5-5)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.50	2.30	2	09/19/23 23:04	09/22/23 12:58	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.25	0.323	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.10		mg/kg	0.850	0.177	2	09/19/23 23:04	09/22/23 12:58	EPA 3050B	1,6010D	JMF
Barium, Total	153		mg/kg	0.850	0.148	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.533		mg/kg	0.425	0.028	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.850	0.083	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Calcium, Total	3010		mg/kg	8.50	2.98	2	09/19/23 23:04	09/22/23 12:58	EPA 3050B	1,6010D	JMF
Chromium, Total	21.3		mg/kg	0.850	0.082	2	09/19/23 23:04	09/22/23 12:58	EPA 3050B	1,6010D	JMF
Cobalt, Total	10.2		mg/kg	1.70	0.141	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Copper, Total	15.3		mg/kg	0.850	0.219	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Iron, Total	20200		mg/kg	4.25	0.768	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Lead, Total	4.84		mg/kg	4.25	0.228	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Magnesium, Total	5310		mg/kg	8.50	1.31	2	09/19/23 23:04	09/22/23 12:58	EPA 3050B	1,6010D	JMF
Manganese, Total	387		mg/kg	0.850	0.135	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.085	0.056	1	09/19/23 23:45	09/20/23 15:33	EPA 7471B	1,7471B	GMG
Nickel, Total	16.0		mg/kg	2.13	0.206	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Potassium, Total	6490		mg/kg	213	12.2	2	09/19/23 23:04	09/22/23 12:58	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.425	0.241	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Sodium, Total	333		mg/kg	170	2.68	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.70	0.268	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Vanadium, Total	31.4		mg/kg	0.850	0.173	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB
Zinc, Total	49.1		mg/kg	4.25	0.249	2	09/19/23 23:04	09/20/23 13:33	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-05

Date Collected: 09/15/23 10:20

Client ID: RI-SB-02 (5.5-6)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5280		mg/kg	8.50	2.30	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.25	0.323	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.952		mg/kg	0.850	0.177	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Barium, Total	59.8		mg/kg	0.850	0.148	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.317	J	mg/kg	0.425	0.028	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.850	0.083	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Calcium, Total	3390		mg/kg	8.50	2.98	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Chromium, Total	10.8		mg/kg	0.850	0.082	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Cobalt, Total	5.10		mg/kg	1.70	0.141	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Copper, Total	9.12		mg/kg	0.850	0.219	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Iron, Total	11500		mg/kg	4.25	0.768	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Lead, Total	15.3		mg/kg	4.25	0.228	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Magnesium, Total	3130		mg/kg	8.50	1.31	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Manganese, Total	177		mg/kg	0.850	0.135	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.076	0.050	1	09/19/23 23:45	09/20/23 15:36	EPA 7471B	1,7471B	GMG
Nickel, Total	8.02		mg/kg	2.12	0.206	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Potassium, Total	2490		mg/kg	212	12.2	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.425	0.241	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Sodium, Total	168	J	mg/kg	170	2.68	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.70	0.268	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Vanadium, Total	17.0		mg/kg	0.850	0.172	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB
Zinc, Total	24.5		mg/kg	4.25	0.249	2	09/19/23 23:04	09/20/23 11:53	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-06

Date Collected: 09/15/23 10:25

Client ID: RI-SB-02 (10-10.5)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5410		mg/kg	9.07	2.45	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.53	0.344	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.14		mg/kg	0.907	0.189	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Barium, Total	59.9		mg/kg	0.907	0.158	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.274	J	mg/kg	0.453	0.030	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.907	0.089	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Calcium, Total	8380		mg/kg	9.07	3.17	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Chromium, Total	22.5		mg/kg	0.907	0.087	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Cobalt, Total	5.06		mg/kg	1.81	0.150	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Copper, Total	10.1		mg/kg	0.907	0.234	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Iron, Total	11400		mg/kg	4.53	0.819	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Lead, Total	9.98		mg/kg	4.53	0.243	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Magnesium, Total	4530		mg/kg	9.07	1.40	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Manganese, Total	287		mg/kg	0.907	0.144	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.082	0.054	1	09/19/23 23:45	09/20/23 15:39	EPA 7471B	1,7471B	GMG
Nickel, Total	9.16		mg/kg	2.27	0.219	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Potassium, Total	2640		mg/kg	227	13.0	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.81	0.234	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.453	0.257	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Sodium, Total	191		mg/kg	181	2.86	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.81	0.286	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Vanadium, Total	16.2		mg/kg	0.907	0.184	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB
Zinc, Total	24.9		mg/kg	4.53	0.266	2	09/19/23 23:04	09/20/23 11:58	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-07

Date Collected: 09/15/23 10:30

Client ID: RI-SB-02 (10.5-11)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7240		mg/kg	8.80	2.38	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.40	0.334	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.962		mg/kg	0.880	0.183	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Barium, Total	90.3		mg/kg	0.880	0.153	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.358	J	mg/kg	0.440	0.029	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.880	0.086	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Calcium, Total	20700		mg/kg	8.80	3.08	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Chromium, Total	16.1		mg/kg	0.880	0.084	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.38		mg/kg	1.76	0.146	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Copper, Total	11.2		mg/kg	0.880	0.227	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Iron, Total	14200		mg/kg	4.40	0.794	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Lead, Total	2.59	J	mg/kg	4.40	0.236	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Magnesium, Total	5400		mg/kg	8.80	1.35	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Manganese, Total	995		mg/kg	0.880	0.140	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.080	0.052	1	09/19/23 23:45	09/20/23 15:43	EPA 7471B	1,7471B	GMG
Nickel, Total	11.8		mg/kg	2.20	0.213	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Potassium, Total	3700		mg/kg	220	12.7	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.76	0.227	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.440	0.249	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Sodium, Total	125	J	mg/kg	176	2.77	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.76	0.277	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Vanadium, Total	21.1		mg/kg	0.880	0.178	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB
Zinc, Total	29.8		mg/kg	4.40	0.258	2	09/19/23 23:04	09/20/23 12:02	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-08

Date Collected: 09/15/23 12:15

Client ID: RI-SB-01 (2.5-3)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11300		mg/kg	8.58	2.32	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.29	0.326	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.31		mg/kg	0.858	0.178	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Barium, Total	141		mg/kg	0.858	0.149	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.539		mg/kg	0.429	0.028	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.858	0.084	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Calcium, Total	9550		mg/kg	8.58	3.00	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Chromium, Total	21.0		mg/kg	0.858	0.082	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.95		mg/kg	1.72	0.142	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Copper, Total	14.1		mg/kg	0.858	0.221	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Iron, Total	19500		mg/kg	4.29	0.775	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Lead, Total	4.35		mg/kg	4.29	0.230	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Magnesium, Total	7490		mg/kg	8.58	1.32	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Manganese, Total	223		mg/kg	0.858	0.136	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/19/23 23:45	09/20/23 15:52	EPA 7471B	1,7471B	GMG
Nickel, Total	15.3		mg/kg	2.14	0.208	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Potassium, Total	5980		mg/kg	214	12.4	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.72	0.221	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.429	0.243	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Sodium, Total	112	J	mg/kg	172	2.70	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Thallium, Total	0.282	J	mg/kg	1.72	0.270	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.6		mg/kg	0.858	0.174	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB
Zinc, Total	48.4		mg/kg	4.29	0.251	2	09/19/23 23:04	09/20/23 12:07	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-09

Date Collected: 09/15/23 12:20

Client ID: RI-SB-01 (9-9.5)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	8.30	2.24	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.15	0.315	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.903		mg/kg	0.830	0.173	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Barium, Total	134		mg/kg	0.830	0.144	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.474		mg/kg	0.415	0.027	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.830	0.081	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Calcium, Total	10500		mg/kg	8.30	2.90	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Chromium, Total	18.4		mg/kg	0.830	0.080	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.70		mg/kg	1.66	0.138	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Copper, Total	13.2		mg/kg	0.830	0.214	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Iron, Total	17900		mg/kg	4.15	0.750	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Lead, Total	4.50		mg/kg	4.15	0.222	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Magnesium, Total	6700		mg/kg	8.30	1.28	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Manganese, Total	202		mg/kg	0.830	0.132	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/19/23 23:45	09/20/23 15:56	EPA 7471B	1,7471B	GMG
Nickel, Total	14.1		mg/kg	2.08	0.201	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Potassium, Total	5460		mg/kg	208	12.0	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.66	0.214	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.415	0.235	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Sodium, Total	120	J	mg/kg	166	2.62	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.66	0.262	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.1		mg/kg	0.830	0.168	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB
Zinc, Total	41.8		mg/kg	4.15	0.243	2	09/19/23 23:04	09/20/23 12:11	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-10

Date Collected: 09/15/23 12:25

Client ID: RI-SB-01 (10-10.5)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9950		mg/kg	8.42	2.27	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.21	0.320	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.785	J	mg/kg	0.842	0.175	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Barium, Total	131		mg/kg	0.842	0.146	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.451		mg/kg	0.421	0.028	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.842	0.083	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Calcium, Total	16200		mg/kg	8.42	2.95	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Chromium, Total	17.7		mg/kg	0.842	0.081	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.72		mg/kg	1.68	0.140	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Copper, Total	13.1		mg/kg	0.842	0.217	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Iron, Total	17400		mg/kg	4.21	0.761	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Lead, Total	3.57	J	mg/kg	4.21	0.226	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Magnesium, Total	6830		mg/kg	8.42	1.30	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Manganese, Total	219		mg/kg	0.842	0.134	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.082	0.053	1	09/19/23 23:45	09/20/23 15:59	EPA 7471B	1,7471B	GMG
Nickel, Total	13.0		mg/kg	2.10	0.204	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Potassium, Total	5280		mg/kg	210	12.1	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.68	0.217	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.421	0.238	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Sodium, Total	161	J	mg/kg	168	2.65	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.68	0.265	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Vanadium, Total	25.2		mg/kg	0.842	0.171	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB
Zinc, Total	40.9		mg/kg	4.21	0.247	2	09/19/23 23:04	09/20/23 12:16	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-11

Date Collected: 09/15/23 12:30

Client ID: RI-SB-01 (18.5-19)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9470		mg/kg	8.44	2.28	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.22	0.321	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.882		mg/kg	0.844	0.176	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Barium, Total	128		mg/kg	0.844	0.147	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.446		mg/kg	0.422	0.028	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.844	0.083	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Calcium, Total	7180		mg/kg	8.44	2.95	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Chromium, Total	17.0		mg/kg	0.844	0.081	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.89		mg/kg	1.69	0.140	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Copper, Total	12.7		mg/kg	0.844	0.218	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Iron, Total	16600		mg/kg	4.22	0.762	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Lead, Total	3.21	J	mg/kg	4.22	0.226	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Magnesium, Total	6390		mg/kg	8.44	1.30	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Manganese, Total	216		mg/kg	0.844	0.134	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/19/23 23:45	09/20/23 16:02	EPA 7471B	1,7471B	GMG
Nickel, Total	12.2		mg/kg	2.11	0.204	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Potassium, Total	5000		mg/kg	211	12.2	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.69	0.218	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.422	0.239	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Sodium, Total	197		mg/kg	169	2.66	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Thallium, Total	0.274	J	mg/kg	1.69	0.266	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Vanadium, Total	25.5		mg/kg	0.844	0.171	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB
Zinc, Total	40.3		mg/kg	4.22	0.247	2	09/19/23 23:04	09/20/23 12:21	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-12

Date Collected: 09/15/23 00:00

Client ID: DUP20230915

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	8.35	2.25	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.17	0.317	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.11		mg/kg	0.835	0.174	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Barium, Total	140		mg/kg	0.835	0.145	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.514		mg/kg	0.417	0.028	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.835	0.082	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Calcium, Total	9920		mg/kg	8.35	2.92	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Chromium, Total	20.1		mg/kg	0.835	0.080	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.45		mg/kg	1.67	0.138	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Copper, Total	13.4		mg/kg	0.835	0.215	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Iron, Total	19000		mg/kg	4.17	0.754	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Lead, Total	3.48	J	mg/kg	4.17	0.224	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Magnesium, Total	7160		mg/kg	8.35	1.28	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Manganese, Total	219		mg/kg	0.835	0.133	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/19/23 23:45	09/20/23 16:06	EPA 7471B	1,7471B	GMG
Nickel, Total	14.0		mg/kg	2.09	0.202	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Potassium, Total	5870		mg/kg	209	12.0	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.67	0.215	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.417	0.236	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Sodium, Total	114	J	mg/kg	167	2.63	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Thallium, Total	0.283	J	mg/kg	1.67	0.263	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.6		mg/kg	0.835	0.169	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB
Zinc, Total	45.6		mg/kg	4.17	0.244	2	09/19/23 23:04	09/20/23 12:25	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-14

Date Collected: 09/15/23 14:30

Client ID: RI-SB-07 (4.5-5)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	8.71	2.35	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.36	0.331	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.24		mg/kg	0.871	0.181	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Barium, Total	141		mg/kg	0.871	0.152	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.489		mg/kg	0.436	0.029	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.871	0.085	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Calcium, Total	5170		mg/kg	8.71	3.05	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Chromium, Total	19.8		mg/kg	0.871	0.084	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.18		mg/kg	1.74	0.145	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Copper, Total	13.0		mg/kg	0.871	0.225	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Iron, Total	18400		mg/kg	4.36	0.787	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Lead, Total	3.12	J	mg/kg	4.36	0.234	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Magnesium, Total	6340		mg/kg	8.71	1.34	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Manganese, Total	224		mg/kg	0.871	0.138	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/19/23 23:45	09/20/23 16:09	EPA 7471B	1,7471B	GMG
Nickel, Total	13.8		mg/kg	2.18	0.211	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Potassium, Total	5640		mg/kg	218	12.5	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.74	0.225	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.436	0.246	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Sodium, Total	106	J	mg/kg	174	2.74	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.74	0.274	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Vanadium, Total	27.2		mg/kg	0.871	0.177	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB
Zinc, Total	43.6		mg/kg	4.36	0.255	2	09/19/23 23:04	09/20/23 12:31	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-15

Date Collected: 09/15/23 14:35

Client ID: RI-SB-07 (5.5-6)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8970		mg/kg	8.80	2.38	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.40	0.334	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.11		mg/kg	0.880	0.183	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Barium, Total	113		mg/kg	0.880	0.153	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.406	J	mg/kg	0.440	0.029	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.880	0.086	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Calcium, Total	4240		mg/kg	8.80	3.08	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Chromium, Total	17.9		mg/kg	0.880	0.085	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.56		mg/kg	1.76	0.146	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Copper, Total	19.3		mg/kg	0.880	0.227	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Iron, Total	17000		mg/kg	4.40	0.795	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Lead, Total	3.36	J	mg/kg	4.40	0.236	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Magnesium, Total	5620		mg/kg	8.80	1.36	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Manganese, Total	218		mg/kg	0.880	0.140	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/19/23 23:45	09/20/23 16:12	EPA 7471B	1,7471B	GMG
Nickel, Total	11.4		mg/kg	2.20	0.213	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Potassium, Total	4490		mg/kg	220	12.7	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.76	0.227	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.440	0.249	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Sodium, Total	112	J	mg/kg	176	2.77	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Thallium, Total	0.298	J	mg/kg	1.76	0.277	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Vanadium, Total	32.3		mg/kg	0.880	0.179	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB
Zinc, Total	39.8		mg/kg	4.40	0.258	2	09/19/23 23:04	09/20/23 12:36	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-16

Date Collected: 09/15/23 14:40

Client ID: RI-SB-07 (12.5-13)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9850		mg/kg	8.57	2.31	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.28	0.326	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.25		mg/kg	0.857	0.178	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Barium, Total	128		mg/kg	0.857	0.149	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.452		mg/kg	0.428	0.028	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.857	0.084	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Calcium, Total	7920		mg/kg	8.57	3.00	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Chromium, Total	18.7		mg/kg	0.857	0.082	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.88		mg/kg	1.71	0.142	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Copper, Total	12.4		mg/kg	0.857	0.221	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Iron, Total	17900		mg/kg	4.28	0.774	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Lead, Total	2.85	J	mg/kg	4.28	0.230	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Magnesium, Total	6570		mg/kg	8.57	1.32	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Manganese, Total	189		mg/kg	0.857	0.136	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/19/23 23:45	09/20/23 16:16	EPA 7471B	1,7471B	GMG
Nickel, Total	13.4		mg/kg	2.14	0.207	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Potassium, Total	5460		mg/kg	214	12.3	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.71	0.221	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.428	0.242	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Sodium, Total	101	J	mg/kg	171	2.70	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.71	0.270	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.4		mg/kg	0.857	0.174	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF
Zinc, Total	41.2		mg/kg	4.28	0.251	2	09/19/23 23:04	09/20/23 15:31	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-17

Date Collected: 09/15/23 14:45

Client ID: RI-SB-07 (18.5-19)

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5540		mg/kg	8.41	2.27	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.21	0.320	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.14		mg/kg	0.841	0.175	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Barium, Total	67.7		mg/kg	0.841	0.146	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.256	J	mg/kg	0.421	0.028	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.841	0.082	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Calcium, Total	5190		mg/kg	8.41	2.94	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Chromium, Total	10.3		mg/kg	0.841	0.081	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.79		mg/kg	1.68	0.140	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Copper, Total	7.78		mg/kg	0.841	0.217	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Iron, Total	11100		mg/kg	4.21	0.760	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Lead, Total	7.22		mg/kg	4.21	0.225	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Magnesium, Total	3520		mg/kg	8.41	1.30	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Manganese, Total	113		mg/kg	0.841	0.134	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.080	0.052	1	09/19/23 23:45	09/20/23 16:19	EPA 7471B	1,7471B	GMG
Nickel, Total	7.88		mg/kg	2.10	0.204	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Potassium, Total	2720		mg/kg	210	12.1	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.68	0.217	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.421	0.238	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Sodium, Total	64.5	J	mg/kg	168	2.65	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.68	0.265	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Vanadium, Total	14.3		mg/kg	0.841	0.171	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF
Zinc, Total	23.6		mg/kg	4.21	0.246	2	09/19/23 23:04	09/20/23 15:35	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354249-18

Date Collected: 09/15/23 15:00

Client ID: FB20230915

Date Received: 09/15/23

Sample Location: 136-140 OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Barium, Total	0.00049	J	mg/l	0.00050	0.00017	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00019	J	mg/l	0.00100	0.00017	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00010	0.00004	1	09/20/23 00:45	09/21/23 16:37	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/19/23 23:45	09/21/23 14:22	EPA 3005A	1,6020B	EJF



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18 Batch: WG1828756-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/19/23 23:45	09/21/23 13:00	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18 Batch: WG1828764-1										
Mercury, Total	ND		mg/l	0.00010	0.00004	1	09/20/23 00:45	09/21/23 15:53	1,7470A	GMG



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12,14-17 Batch: WG1829208-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Iron, Total	0.624	J	mg/kg	2.00	0.361	1	09/19/23 23:04	09/20/23 13:15	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Sodium, Total	2.12	J	mg/kg	80.0	1.26	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/19/23 23:04	09/20/23 09:58	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12,14-17 Batch: WG1829211-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/19/23 23:45	09/20/23 14:35	1,7471B	GMG

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 Batch: WG1828756-2								
Aluminum, Total	92		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	93		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	85		-		80-120	-		
Chromium, Total	87		-		80-120	-		
Cobalt, Total	88		-		80-120	-		
Copper, Total	91		-		80-120	-		
Iron, Total	91		-		80-120	-		
Lead, Total	110		-		80-120	-		
Magnesium, Total	91		-		80-120	-		
Manganese, Total	90		-		80-120	-		
Nickel, Total	88		-		80-120	-		
Potassium, Total	93		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	95		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	87		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 Batch: WG1828756-2					
Zinc, Total	89	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 18 Batch: WG1828764-2					
Mercury, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 Batch: WG1829208-2 SRM Lot Number: D119-540					
Aluminum, Total	82	-	48-152	-	
Antimony, Total	131	-	10-190	-	
Arsenic, Total	97	-	83-117	-	
Barium, Total	105	-	82-118	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	92	-	82-117	-	
Calcium, Total	99	-	81-118	-	
Chromium, Total	98	-	82-119	-	
Cobalt, Total	96	-	83-117	-	
Copper, Total	95	-	84-116	-	
Iron, Total	111	-	60-140	-	
Lead, Total	101	-	82-118	-	
Magnesium, Total	94	-	76-124	-	
Manganese, Total	99	-	82-118	-	
Nickel, Total	97	-	82-117	-	
Potassium, Total	94	-	70-130	-	
Selenium, Total	105	-	79-121	-	
Silver, Total	109	-	80-120	-	
Sodium, Total	100	-	74-126	-	
Thallium, Total	94	-	81-119	-	
Vanadium, Total	96	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 Batch: WG1829208-2 SRM Lot Number: D119-540					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 Batch: WG1829211-2 SRM Lot Number: D119-540					
Mercury, Total	100	-	73-127	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1828756-3 WG1828756-4 QC Sample: L2353572-03 Client ID: MS Sample												
Aluminum, Total	ND	2	1.76	88		1.85	92		75-125	5		20
Antimony, Total	0.00129J	0.5	0.4219	84		0.4274	85		75-125	1		20
Arsenic, Total	0.00089	0.12	0.1191	98		0.1243	103		75-125	4		20
Barium, Total	0.02201	2	1.830	90		1.911	94		75-125	4		20
Beryllium, Total	ND	0.05	0.05004	100		0.05187	104		75-125	4		20
Cadmium, Total	ND	0.053	0.05098	96		0.05256	99		75-125	3		20
Calcium, Total	43.8	10	49.6	58	Q	51.4	76		75-125	4		20
Chromium, Total	0.00018J	0.2	0.1693	85		0.1748	87		75-125	3		20
Cobalt, Total	ND	0.5	0.4237	85		0.4377	88		75-125	3		20
Copper, Total	0.02156	0.25	0.2400	87		0.2511	92		75-125	5		20
Iron, Total	0.0207J	1	0.896	90		0.926	93		75-125	3		20
Lead, Total	ND	0.53	0.5476	103		0.5596	106		75-125	2		20
Magnesium, Total	15.0	10	23.6	86		24.6	96		75-125	4		20
Manganese, Total	0.00641	0.5	0.4488	88		0.4631	91		75-125	3		20
Nickel, Total	ND	0.5	0.4252	85		0.4432	89		75-125	4		20
Potassium, Total	1.63	10	10.3	87		10.6	90		75-125	3		20
Selenium, Total	ND	0.12	0.119	99		0.125	104		75-125	5		20
Silver, Total	ND	0.05	0.04856	97		0.04992	100		75-125	3		20
Sodium, Total	10.0	10	18.6	86		19.3	93		75-125	4		20
Thallium, Total	0.00033J	0.12	0.1186	99		0.1220	102		75-125	3		20
Vanadium, Total	ND	0.5	0.4190	84		0.4329	86		75-125	3		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354249

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1828756-3 WG1828756-4 QC Sample: L2353572-03 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4106	82	0.4298	86	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1828764-3 WG1828764-4 QC Sample: L2353572-03 Client ID: MS Sample									
Mercury, Total	ND	0.0025	0.00235	94	0.00231	92	75-125	2	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829208-3 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)									
Aluminum, Total	15000	170	15500	294	Q	-	75-125	-	20
Antimony, Total	ND	42.6	32.8	77		-	75-125	-	20
Arsenic, Total	1.25	10.2	10.6	91		-	75-125	-	20
Barium, Total	190	170	347	92		-	75-125	-	20
Beryllium, Total	0.785	4.26	4.54	88		-	75-125	-	20
Cadmium, Total	ND	4.51	3.98	88		-	75-125	-	20
Calcium, Total	2820	852	5870	358	Q	-	75-125	-	20
Chromium, Total	26.5	17	40.8	84		-	75-125	-	20
Cobalt, Total	11.1	42.6	47.7	86		-	75-125	-	20
Copper, Total	19.0	21.3	38.0	89		-	75-125	-	20
Iron, Total	25800	85.2	25300	0	Q	-	75-125	-	20
Lead, Total	4.97	45.1	42.9	84		-	75-125	-	20
Magnesium, Total	7520	852	9560	240	Q	-	75-125	-	20
Manganese, Total	281	42.6	342	143	Q	-	75-125	-	20
Nickel, Total	19.8	42.6	56.2	85		-	75-125	-	20
Potassium, Total	7450	852	8440	116		-	75-125	-	20
Selenium, Total	ND	10.2	9.27	91		-	75-125	-	20
Silver, Total	ND	4.26	4.08	96		-	75-125	-	20
Sodium, Total	272	852	1060	92		-	75-125	-	20
Thallium, Total	0.437J	10.2	8.82	86		-	75-125	-	20
Vanadium, Total	36.6	42.6	71.9	83		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829208-3 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)									
Zinc, Total	61.6	42.6	98.2	86	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829211-3 QC Sample: L2353551-10 Client ID: MS Sample									
Mercury, Total	ND	1.64	1.65	101	-	-	80-120	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354249

Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829208-4 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)						
Aluminum, Total	15000	15300	mg/kg	2		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.25	1.35	mg/kg	8		20
Barium, Total	190	193	mg/kg	2		20
Beryllium, Total	0.785	0.743	mg/kg	5		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	2820	2810	mg/kg	0		20
Chromium, Total	26.5	26.4	mg/kg	0		20
Cobalt, Total	11.1	11.2	mg/kg	1		20
Copper, Total	19.0	19.7	mg/kg	4		20
Lead, Total	4.97	4.67	mg/kg	6		20
Magnesium, Total	7520	7600	mg/kg	1		20
Manganese, Total	281	267	mg/kg	5		20
Nickel, Total	19.8	19.9	mg/kg	1		20
Potassium, Total	7450	7670	mg/kg	3		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	272	273	mg/kg	0		20
Thallium, Total	0.437J	0.493J	mg/kg	NC		20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2354249
Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829208-4 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)					
Vanadium, Total	36.6	36.2	mg/kg	1	20
Zinc, Total	61.6	62.4	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829208-4 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)					
Iron, Total	25800	25800	mg/kg	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829211-4 QC Sample: L2353551-10 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2354249
Report Date: 09/29/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1828756-6 QC Sample: L2353572-03 Client ID: DUP Sample						
Barium, Total	0.02201	0.02221	mg/l	1		20
Calcium, Total	43.8	42.9	mg/l	2		20
Magnesium, Total	15.0	15.6	mg/l	4		20
Sodium, Total	10.0	9.93	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829208-6 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)						
Aluminum, Total	15000	17100	mg/kg	14		20
Barium, Total	190	217	mg/kg	14		20
Calcium, Total	2820	3320	mg/kg	18		20
Chromium, Total	26.5	30.9	mg/kg	17		20
Magnesium, Total	7520	8500	mg/kg	13		20
Manganese, Total	281	333	mg/kg	19		20
Potassium, Total	7450	8500	mg/kg	14		20
Vanadium, Total	36.6	42.2	mg/kg	15		20
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-17 QC Batch ID: WG1829208-6 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)						
Iron, Total	25800	32000	mg/kg	24	Q	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-01
Client ID: RI-SB-03 (1.5-2)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:20	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-02
Client ID: RI-SB-03 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:23	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-03
Client ID: RI-SB-03 (11.5-12)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 09:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:26	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-04
Client ID: RI-SB-02 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:27	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-05
Client ID: RI-SB-02 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:28	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-06
Client ID: RI-SB-02 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/19/23 09:50	09/19/23 15:29	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-07
Client ID: RI-SB-02 (10.5-11)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 10:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/19/23 09:50	09/19/23 15:30	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-08
Client ID: RI-SB-01 (2.5-3)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:15
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/16/23 11:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:31	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-09
Client ID: RI-SB-01 (9-9.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:20
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 09:50	09/19/23 15:58	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-10
Client ID: RI-SB-01 (10-10.5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:25
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 16:01	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-11
Client ID: RI-SB-01 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 12:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 16:02	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-12
Client ID: DUP20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 00:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 16:03	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-14
Client ID: RI-SB-07 (4.5-5)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:30
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 16:04	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-15
Client ID: RI-SB-07 (5.5-6)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:35
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/19/23 09:50	09/19/23 16:05	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-16
Client ID: RI-SB-07 (12.5-13)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 09:50	09/19/23 16:08	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-17
Client ID: RI-SB-07 (18.5-19)
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 14:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	09/16/23 11:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 16:09	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354249-18
Client ID: FB20230915
Sample Location: 136-140 OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/20/23 09:40	09/20/23 14:21	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1829085-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	09/19/23 09:50	09/19/23 15:01	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09-12,14-17 Batch: WG1829092-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	09/19/23 09:50	09/19/23 15:34	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 18 Batch: WG1829604-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/20/23 09:40	09/20/23 13:43	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 7**Lab Number:** L2354249**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1829085-2 WG1829085-3								
Cyanide, Total	136	Q	131	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 09-12,14-17 Batch: WG1829092-2 WG1829092-3								
Cyanide, Total	125	Q	80		80-120	22		35
General Chemistry - Westborough Lab Associated sample(s): 18 Batch: WG1829604-2 WG1829604-3								
Cyanide, Total	96		92		85-115	4		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1829085-4 WG1829085-5 QC Sample: L2354249-01 Client ID: RI-SB-03 (1.5-2)												
Cyanide, Total	ND	10	16	150	Q	15	150	Q	75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 09-12,14-17 QC Batch ID: WG1829092-4 WG1829092-5 QC Sample: L2354249-09 Client ID: RI-SB-01 (9-9.5)												
Cyanide, Total	ND	9.9	15	150	Q	15	140	Q	75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 18 QC Batch ID: WG1829604-4 WG1829604-5 QC Sample: L2354249-18 Client ID: FB20230915												
Cyanide, Total	ND	0.2	0.283	142	Q	0.287	144	Q	80-120	1		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354249

Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1828247-1 QC Sample: L2354079-02 Client ID: DUP Sample						
Solids, Total	77.8	79.3	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 09-12,14-17 QC Batch ID: WG1828248-1 QC Sample: L2354034-01 Client ID: DUP Sample						
Solids, Total	85.4	87.2	%	2		20

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-01A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-01B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-01C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-01D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2354249-01E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-01F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-01G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-01H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-01X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-01Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-01Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-02A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-02B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-02C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-02D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2354249-02E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-02F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-02G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-02H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-02X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-02Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-02Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-03A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-03B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-03C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-03D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),K-Ti(180),CD-Ti(180),CA-Ti(180),NA-Ti(180)
L2354249-03E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-03F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-03G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-03H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-03X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-03Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-03Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-04A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-04B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-04C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),CU-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180)
L2354249-04E	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-04F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-04G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-04H	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-04X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-04Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-04Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-05A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-05B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-05C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180)
L2354249-05E	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-05F	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-05G	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-05H	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-05X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-05Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-05Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-06A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-06B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-06C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-06D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180)
L2354249-06E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-06F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-06G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)

*Values in parentheses indicate holding time in days

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-06H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-06X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-06Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-06Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-07A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-07B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-07C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-07D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)
L2354249-07E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-07F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-07G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-07H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-07X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-07Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-07Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-08A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-08B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-08C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-08D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180)
L2354249-08E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-08F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-08G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09292318:34
Lab Number: L2354249
Report Date: 09/29/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-08H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-08X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-08Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-08Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-09A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-09B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-09C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-09D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),PB-Ti(180),CU-Ti(180),ZN-Ti(180),SE-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),NA-Ti(180),K-Ti(180)
L2354249-09E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-09F	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-09G	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-09H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-09X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-09Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-09Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-10A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-10B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-10C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-10D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2354249-10E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-10F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-10G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)

*Values in parentheses indicate holding time in days

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09292318:34
Lab Number: L2354249
Report Date: 09/29/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-10H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-10X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-10Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-10Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-11A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-11B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-11C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-11D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2354249-11E	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-11F	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2354249-11G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-11H	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-11X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2354249-11Y	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-11Z	Vial Water preserved split	B	NA		3.5	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-12A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-12B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-12C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-12D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),MN-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2354249-12E	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-12F	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-12G	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(90)

*Values in parentheses indicate holding time in days

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09292318:34
Lab Number: L2354249
Report Date: 09/29/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-12H	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-12X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-12Y	Vial Water preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-13A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2354249-13B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2354249-14A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-14B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-14C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-14D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),FE-Ti(180),MN-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2354249-14E	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-14F	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-14G	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-14H	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-14X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-14Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-14Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-15A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-15B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-15C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-15D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),ZN-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)
L2354249-15E	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354249-15F	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354249-15G	Plastic 8oz unpreserved	C	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)

*Values in parentheses indicate holding time in days

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09292318:34
Lab Number: L2354249
Report Date: 09/29/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-15H	Glass 250ml/8oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-15X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-15Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-15Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-16A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-16B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-16C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-16D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2354249-16E	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354249-16F	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354249-16G	Plastic 8oz unpreserved	C	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354249-16H	Glass 250ml/8oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-16X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354249-16Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-16Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-17A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-17B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-17C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-17D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),PB-Ti(180),SE-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180)
L2354249-17E	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-17F	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354249-17G	Plastic 8oz unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(90)

*Values in parentheses indicate holding time in days

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354249**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354249-17H	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354249-17X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354249-17Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-17Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354249-18A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2354249-18B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2354249-18C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2354249-18D	Amber 120ml unpreserved	C	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2354249-18E	Amber 120ml unpreserved	C	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2354249-18F	Amber 120ml unpreserved	C	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2354249-18G	Amber 120ml unpreserved	C	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2354249-18H	Plastic 250ml NaOH preserved	A	>12	>12	2.8	Y	Absent		TCN-9010(14)
L2354249-18J	Amber 250ml unpreserved	C	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2354249-18K	Amber 250ml unpreserved	C	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2354249-18L	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2354249-18M	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2354249-18N	Plastic 250ml HNO3 preserved	C	<2	<2	4.2	Y	Absent		TL-6020T(180),FE-6020T(180),BA-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2354249-18O	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(28)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09292318:34
Lab Number: L2354249
Report Date: 09/29/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09292318:34
Lab Number: L2354249
Report Date: 09/29/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354249
Report Date: 09/29/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

Page 1 of 1

Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>9/16/23</u>		ALPHA Job # <u>L2354249</u>	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Sun Valley Nursery Filling Station</u> Project Location: <u>136-1400 Spring St Ny</u> Project # <u>12060 Phase 7</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☒ EQuIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #	
Client Information Client: <u>SES Consulting</u> Address: <u>950 RTub, Suite 200</u> <u>Parsippany NJ</u> Phone: <u>973 208 9050</u> Fax: Email: <u>Monica.Norton@SES</u>		Project Manager: <u>JAMES Vander Vliet</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: <u>USE SAMPLE ID & Time Shown on Chain of Custody!</u>						Telt 30/TAL GAS Method 531 14 Dioxane		Sample Specific Comments	
Please specify Metals or TAL.									
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
54249-01 02 03 04 05 06 07 08 09 10		RI-SB-3 (1.5-2) RI-SB-3 (5.5-6) RI-SB-3 (11.5-12) RI-SB-2 (4.5-5) RI-SB-2 (5.5-6) RI-SB-2 (10-10.5) RI-SB-2 (10.5-11) RI-SB-1 (2.5-3) RI-SB-1 (9-9.5) RI-SB-1 (10-10.5)		9/15/23 925 930 935 1015 1020 1025 1030 1215 1220 9/15/23 1225		S ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		RR ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative	
Relinquished By: <u>RE</u> <u>9/15/23</u> <u>1645</u>		Date/Time: <u>9-15-23 1828</u>		Received By: <u>ALPHA (HAL)</u> <u>9-15-23 1645</u>		Date/Time: <u>9/15/23 1830</u>		Date/Time: <u>9/15 22:15</u>	
Form No. 01-25-HC (rev. 30-Sept-2013)		Relinquished By: <u>AL</u> <u>9/16/23 0040</u>		Date/Time: <u>9/16/23 0040</u>		Received By: <u>AL</u> <u>9/16/23 0040</u>		Date/Time: <u>9/16/23 0040</u>	

Page 395 of 395



ANALYTICAL REPORT

Lab Number:	L2354548
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY FILLING STA
Project Number:	12060 / PHASE 7
Report Date:	09/25/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354548-01	RI-SB-08 (2.5-3)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 09:45	09/18/23
L2354548-02	RI-SB-08 (7-7.5)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 09:50	09/18/23
L2354548-03	RI-SB-08 (10.5-11)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 09:55	09/18/23
L2354548-04	RI-SB-08 (17.5-18)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 10:00	09/18/23
L2354548-05	RI-SB-08 (24-24.5)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 14:40	09/18/23
L2354548-06	RI-SB-08 (26.5-27)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 14:45	09/18/23
L2354548-07	RI-SB-08 (31.5-32)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 14:55	09/18/23
L2354548-08	RI-SB-08 (38.5-39)	SOIL	OSSINING, NY (136 CROTON AVE)	09/18/23 15:00	09/18/23
L2354548-09	TRIP BLANK	WATER	OSSINING, NY (136 CROTON AVE)	09/15/23 00:00	09/18/23

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2354548-01 through -08: The sample collection dates were changed at the client's request.

Perfluorinated Alkyl Acids by Isotope Dilution

L2354548-01, -02, -04, -05, -06, -08, and WG1829290-1: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2354548-03, -04, -06, and -07: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

Total Metals

L2354548-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1829092-2 LCS recovery for cyanide, total (125%), associated with L2354548-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1830023-2/-3 LCS/LCSD recoveries for cyanide, total (136%/132%), associated with L2354548-02 through -05, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1830026-2/-3 LCS/LCSD recoveries for cyanide, total (136%/132%), associated with L2354548-06

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Case Narrative (continued)

through -08, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits.
The results of the original analyses are reported.

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

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/25/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 21:33
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	59	8.5	1
Chloroform	ND		ug/kg	88	8.2	1
Carbon tetrachloride	ND		ug/kg	59	13.	1
1,2-Dichloropropane	ND		ug/kg	59	7.3	1
Dibromochloromethane	ND		ug/kg	59	8.2	1
1,1,2-Trichloroethane	ND		ug/kg	59	16.	1
Tetrachloroethene	ND		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.4	1
Trichlorofluoromethane	ND		ug/kg	230	41.	1
1,2-Dichloroethane	ND		ug/kg	59	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.8	1
Bromodichloromethane	ND		ug/kg	29	6.4	1
trans-1,3-Dichloropropene	ND		ug/kg	59	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.3	1
1,3-Dichloropropene, Total	ND		ug/kg	29	9.3	1
1,1-Dichloropropene	ND		ug/kg	29	9.3	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.7	1
Benzene	380		ug/kg	29	9.7	1
Toluene	34	J	ug/kg	59	32.	1
Ethylbenzene	52	J	ug/kg	59	8.3	1
Chloromethane	ND		ug/kg	230	55.	1
Bromomethane	ND		ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	59	20.	1
Chloroethane	ND		ug/kg	120	26.	1
1,1-Dichloroethene	ND		ug/kg	59	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	88	8.0	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	29	8.0	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.4	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.7	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	120		ug/kg	120	33.	1
o-Xylene	28	J	ug/kg	59	17.	1
Xylenes, Total	150	J	ug/kg	59	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	59	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	59	8.0	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	11	J	ug/kg	59	11.	1
Dichlorodifluoromethane	ND		ug/kg	590	54.	1
Acetone	ND		ug/kg	590	280	1
Carbon disulfide	ND		ug/kg	590	270	1
2-Butanone	ND		ug/kg	590	130	1
Vinyl acetate	ND		ug/kg	590	130	1
4-Methyl-2-pentanone	ND		ug/kg	590	75.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.4	1
2-Hexanone	ND		ug/kg	590	69.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	59	16.	1
1,3-Dichloropropane	ND		ug/kg	120	9.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	29	7.7	1
Bromobenzene	ND		ug/kg	120	8.5	1
n-Butylbenzene	940		ug/kg	59	9.8	1
sec-Butylbenzene	440		ug/kg	59	8.6	1
tert-Butylbenzene	14	J	ug/kg	120	6.9	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	58.	1
Hexachlorobutadiene	ND		ug/kg	230	9.9	1
Isopropylbenzene	550		ug/kg	59	6.4	1
p-Isopropyltoluene	29	J	ug/kg	59	6.4	1
Naphthalene	1100		ug/kg	230	38.	1
Acrylonitrile	ND		ug/kg	230	67.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	1400		ug/kg	59	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	25	J	ug/kg	120	11.	1
1,2,4-Trimethylbenzene	66	J	ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4700	2000	1
p-Diethylbenzene	650		ug/kg	120	10.	1
p-Ethyltoluene	140		ug/kg	120	22.	1
1,2,4,5-Tetramethylbenzene	2500		ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	290	83.	1

Tentatively Identified Compounds

Total TIC Compounds	41000	J	ug/kg			1
Unknown Alkane	2310	J	ug/kg			1
Unknown Benzene	4890	J	ug/kg			1
Hexane, 3-methyl-	3140	NJ	ug/kg			1
Unknown	2490	J	ug/kg			1
Hexane, 2-methyl-	2830	NJ	ug/kg			1
Pentane, 2-methyl-	4200	NJ	ug/kg			1
Unknown Alkane	2170	J	ug/kg			1
Unknown Alkane	2380	J	ug/kg			1
Pentane, 2,3-dimethyl-	2320	NJ	ug/kg			1
Unknown Alkane	3250	J	ug/kg			1
Unknown Aromatic	2220	J	ug/kg			1
Cyclopentane, Methyl-	1940	NJ	ug/kg			1
Octane, 3-methyl-	2670	NJ	ug/kg			1
Unknown Benzene	1950	J	ug/kg			1
n-Hexane	2190	NJ	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	90		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 13:14
Analyst: JIC
Percent Solids: 92%

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	40		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.9	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	2.15	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.15	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	93		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 13:40
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	58		ug/kg	0.49	0.16	1
Toluene	0.91	J	ug/kg	0.97	0.53	1
Ethylbenzene	1.1		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.57	1
Vinyl chloride	ND		ug/kg	0.97	0.33	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	23		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	5.5	J	ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.2	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	0.34	J	ug/kg	0.97	0.16	1
sec-Butylbenzene	0.22	J	ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.12	1
o-Chlorotoluene	ND		ug/kg	1.9	0.19	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	0.67	J	ug/kg	0.97	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.11	1
Naphthalene	3.2	J	ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	1.4		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	0.26	J	ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	1.2	J	ug/kg	1.9	0.19	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	73.3	J	ug/kg			1
Unknown Alkane	6.93	J	ug/kg			1
Unknown Alkane	3.14	J	ug/kg			1
Butane, 2-Methyl-	12.5	NJ	ug/kg			1
Unknown Aromatic	3.18	J	ug/kg			1
Unknown	2.33	J	ug/kg			1
Unknown	4.50	J	ug/kg			1
Unknown	4.69	J	ug/kg			1
Unknown	2.32	J	ug/kg			1
Cyclopentane, Methyl-	6.53	NJ	ug/kg			1
Hexane, 3-methyl-	2.60	NJ	ug/kg			1
Unknown	3.36	J	ug/kg			1
Pentane	5.23	NJ	ug/kg			1
Unknown	2.24	J	ug/kg			1
Unknown	5.09	J	ug/kg			1
Pentane, 2-methyl-	8.65	NJ	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	93		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 14:06
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.82	0.45	1
Ethylbenzene	ND		ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.82	0.24	1
Xylenes, Total	ND		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.82	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.82	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.20	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	9.4		ug/kg	8.2	4.0	1
Carbon disulfide	ND		ug/kg	8.2	3.7	1
2-Butanone	ND		ug/kg	8.2	1.8	1
Vinyl acetate	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.2	0.97	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.82	0.14	1
sec-Butylbenzene	ND		ug/kg	0.82	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.82	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.82	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.95	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.82	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.28	1
1,4-Dioxane	ND		ug/kg	66	29.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	1.88	J	ug/kg	1
Unknown	1.88	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	95		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 14:32
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.79	1
Acetone	4.3	J	ug/kg	8.6	4.2	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 14:58
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	8.4	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 15:24
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	33		ug/kg	0.46	0.15	1
Toluene	1.2		ug/kg	0.91	0.49	1
Ethylbenzene	0.83	J	ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	2.2		ug/kg	1.8	0.51	1
o-Xylene	0.55	J	ug/kg	0.91	0.26	1
Xylenes, Total	2.8	J	ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	1.9		ug/kg	0.91	0.15	1
sec-Butylbenzene	1.3		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	3.4		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	3.3	J	ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	6.2		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	1.5	J	ug/kg	1.8	0.16	1
p-Ethyltoluene	0.87	J	ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	6.4		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	503	J	ug/kg			1
Unknown Alkane	31.3	J	ug/kg			1
Unknown Aromatic	15.8	J	ug/kg			1
Butane, 2-Methyl-	65.7	NJ	ug/kg			1
Cyclohexane, methyl-	19.4	NJ	ug/kg			1
Indane	22.8	NJ	ug/kg			1
Pentane	40.8	NJ	ug/kg			1
n-Hexane	24.1	NJ	ug/kg			1
Hexane, 3-methyl-	20.2	NJ	ug/kg			1
Pentane, 2,3-dimethyl-	15.5	NJ	ug/kg			1
Unknown Benzene	15.4	J	ug/kg			1
Pentane, 2-methyl-	97.2	NJ	ug/kg			1
Unknown	32.0	J	ug/kg			1
Cyclopentane, Methyl-	50.5	NJ	ug/kg			1
Pentane, 3-methyl-	38.3	NJ	ug/kg			1
Unknown Alkane	14.1	J	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	86		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 15:50
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.51	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	7.2	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	2.08	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.08	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-09
Client ID: TRIP BLANK
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/15/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/19/23 12:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-09
Client ID: TRIP BLANK
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/15/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-09
Client ID: TRIP BLANK
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/15/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 11:41
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1829441-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 11:41
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1829441-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 11:41
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1829441-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 11:41
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1829441-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1831509-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1831509-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1831509-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	377	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	265	NJ	ug/kg
Unknown	112	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1831509-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 11:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-08 Batch: WG1831549-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 11:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-08 Batch: WG1831549-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 11:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-08 Batch: WG1831549-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.05	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.05	NJ	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/22/23 11:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-08 Batch: WG1831549-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1829441-3 WG1829441-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	100		94		63-132	6		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	100		99		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	96		92		70-130	4		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	98		93		62-150	5		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		96		67-130	4		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
1,1-Dichloropropene	100		93		70-130	7		20
Bromoform	98		93		54-136	5		20
1,1,2,2-Tetrachloroethane	120		110		67-130	9		20
Benzene	110		100		70-130	10		20
Toluene	110		98		70-130	12		20
Ethylbenzene	100		96		70-130	4		20
Chloromethane	110		100		64-130	10		20
Bromomethane	130		120		39-139	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1829441-3 WG1829441-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	100		97		61-145	3		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	97		91		70-130	6		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	100		99		63-130	1		20
p/m-Xylene	105		95		70-130	10		20
o-Xylene	105		95		70-130	10		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	110		100		70-130	10		20
1,2,3-Trichloropropane	96		90		64-130	6		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	96		89		36-147	8		20
Acetone	110		100		58-148	10		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	110		94		63-138	16		20
Vinyl acetate	160	Q	150	Q	70-130	6		20
4-Methyl-2-pentanone	98		97		59-130	1		20
2-Hexanone	94		89		57-130	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1829441-3 WG1829441-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	110		100		70-130	10		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	100		99		64-130	1		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		93		53-136	7		20
sec-Butylbenzene	100		93		70-130	7		20
tert-Butylbenzene	100		94		70-130	6		20
o-Chlorotoluene	100		97		70-130	3		20
p-Chlorotoluene	100		98		70-130	2		20
1,2-Dibromo-3-chloropropane	92		92		41-144	0		20
Hexachlorobutadiene	96		88		63-130	9		20
Isopropylbenzene	100		96		70-130	4		20
p-Isopropyltoluene	100		94		70-130	6		20
Naphthalene	99		100		70-130	1		20
n-Propylbenzene	100		96		69-130	4		20
1,2,3-Trichlorobenzene	99		98		70-130	1		20
1,2,4-Trichlorobenzene	100		97		70-130	3		20
1,3,5-Trimethylbenzene	100		95		64-130	5		20
1,2,4-Trimethylbenzene	100		97		70-130	3		20
1,4-Dioxane	104		104		56-162	0		20
p-Diethylbenzene	100		95		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1829441-3 WG1829441-4								
p-Ethyltoluene	100		97		70-130	3		20
1,2,4,5-Tetramethylbenzene	100		94		70-130	6		20
Ethyl ether	110		100		59-134	10		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	99		102		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1831509-3 WG1831509-4								
Methylene chloride	83		84		70-130	1		30
1,1-Dichloroethane	81		81		70-130	0		30
Chloroform	84		85		70-130	1		30
Carbon tetrachloride	71		72		70-130	1		30
1,2-Dichloropropane	86		87		70-130	1		30
Dibromochloromethane	106		107		70-130	1		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	72		73		70-139	1		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	81		82		70-130	1		30
Bromodichloromethane	92		95		70-130	3		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	95		97		70-130	2		30
1,1-Dichloropropene	78		79		70-130	1		30
Bromoform	112		114		70-130	2		30
1,1,2,2-Tetrachloroethane	106		103		70-130	3		30
Benzene	82		83		70-130	1		30
Toluene	78		77		70-130	1		30
Ethylbenzene	82		82		70-130	0		30
Chloromethane	69		70		52-130	1		30
Bromomethane	78		80		57-147	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1831509-3 WG1831509-4								
Vinyl chloride	71		71		67-130	0		30
Chloroethane	76		77		50-151	1		30
1,1-Dichloroethene	78		79		65-135	1		30
trans-1,2-Dichloroethene	81		80		70-130	1		30
Trichloroethene	84		86		70-130	2		30
1,2-Dichlorobenzene	98		97		70-130	1		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	110		113		66-130	3		30
p/m-Xylene	83		82		70-130	1		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Dibromomethane	100		101		70-130	1		30
Styrene	91		91		70-130	0		30
Dichlorodifluoromethane	64		65		30-146	2		30
Acetone	104		104		54-140	0		30
Carbon disulfide	69		70		59-130	1		30
2-Butanone	106		106		70-130	0		30
Vinyl acetate	89		84		70-130	6		30
4-Methyl-2-pentanone	110		109		70-130	1		30
1,2,3-Trichloropropane	107		106		68-130	1		30
2-Hexanone	107		106		70-130	1		30
Bromochloromethane	98		100		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1831509-3 WG1831509-4								
2,2-Dichloropropane	75		76		70-130	1		30
1,2-Dibromoethane	110		110		70-130	0		30
1,3-Dichloropropane	98		98		69-130	0		30
1,1,1,2-Tetrachloroethane	96		96		70-130	0		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	81		80		70-130	1		30
sec-Butylbenzene	82		81		70-130	1		30
tert-Butylbenzene	84		83		70-130	1		30
o-Chlorotoluene	84		84		70-130	0		30
p-Chlorotoluene	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	106		106		68-130	0		30
Hexachlorobutadiene	90		90		67-130	0		30
Isopropylbenzene	83		82		70-130	1		30
p-Isopropyltoluene	85		84		70-130	1		30
Naphthalene	125		124		70-130	1		30
Acrylonitrile	120		122		70-130	2		30
n-Propylbenzene	83		82		70-130	1		30
1,2,3-Trichlorobenzene	121		122		70-130	1		30
1,2,4-Trichlorobenzene	112		112		70-130	0		30
1,3,5-Trimethylbenzene	86		85		70-130	1		30
1,2,4-Trimethylbenzene	88		88		70-130	0		30
1,4-Dioxane	118		116		65-136	2		30
p-Diethylbenzene	86		85		70-130	1		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1831509-3 WG1831509-4								
p-Ethyltoluene	86		85		70-130	1		30
1,2,4,5-Tetramethylbenzene	97		96		70-130	1		30
Ethyl ether	107		108		67-130	1		30
trans-1,4-Dichloro-2-butene	111		109		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	97		99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08 Batch: WG1831549-3 WG1831549-4								
Methylene chloride	73		76		70-130	4		30
1,1-Dichloroethane	74		78		70-130	5		30
Chloroform	76		80		70-130	5		30
Carbon tetrachloride	81		82		70-130	1		30
1,2-Dichloropropane	77		81		70-130	5		30
Dibromochloromethane	89		90		70-130	1		30
1,1,2-Trichloroethane	80		84		70-130	5		30
Tetrachloroethene	89		91		70-130	2		30
Chlorobenzene	85		90		70-130	6		30
Trichlorofluoromethane	71		84		70-139	17		30
1,2-Dichloroethane	80		80		70-130	0		30
1,1,1-Trichloroethane	80		81		70-130	1		30
Bromodichloromethane	78		81		70-130	4		30
trans-1,3-Dichloropropene	83		86		70-130	4		30
cis-1,3-Dichloropropene	81		85		70-130	5		30
1,1-Dichloropropene	81		85		70-130	5		30
Bromoform	92		83		70-130	10		30
1,1,2,2-Tetrachloroethane	87		81		70-130	7		30
Benzene	80		84		70-130	5		30
Toluene	79		84		70-130	6		30
Ethylbenzene	81		86		70-130	6		30
Chloromethane	58		68		52-130	16		30
Bromomethane	70		80		57-147	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08 Batch: WG1831549-3 WG1831549-4								
Vinyl chloride	64	Q	73		67-130	13		30
Chloroethane	71		83		50-151	16		30
1,1-Dichloroethene	73		75		65-135	3		30
trans-1,2-Dichloroethene	76		78		70-130	3		30
Trichloroethene	84		87		70-130	4		30
1,2-Dichlorobenzene	89		94		70-130	5		30
1,3-Dichlorobenzene	87		92		70-130	6		30
1,4-Dichlorobenzene	86		92		70-130	7		30
Methyl tert butyl ether	87		87		66-130	0		30
p/m-Xylene	86		89		70-130	3		30
o-Xylene	85		90		70-130	6		30
cis-1,2-Dichloroethene	78		81		70-130	4		30
Dibromomethane	82		84		70-130	2		30
Styrene	84		87		70-130	4		30
Dichlorodifluoromethane	57		66		30-146	15		30
Acetone	68		65		54-140	5		30
Carbon disulfide	69		74		59-130	7		30
2-Butanone	73		70		70-130	4		30
Vinyl acetate	68	Q	70		70-130	3		30
4-Methyl-2-pentanone	72		75		70-130	4		30
1,2,3-Trichloropropane	91		83		68-130	9		30
2-Hexanone	70		71		70-130	1		30
Bromochloromethane	89		90		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08 Batch: WG1831549-3 WG1831549-4								
2,2-Dichloropropane	76		78		70-130	3		30
1,2-Dibromoethane	90		92		70-130	2		30
1,3-Dichloropropane	84		88		69-130	5		30
1,1,1,2-Tetrachloroethane	90		93		70-130	3		30
Bromobenzene	97		90		70-130	7		30
n-Butylbenzene	83		89		70-130	7		30
sec-Butylbenzene	92		89		70-130	3		30
tert-Butylbenzene	94		88		70-130	7		30
o-Chlorotoluene	92		87		70-130	6		30
p-Chlorotoluene	91		86		70-130	6		30
1,2-Dibromo-3-chloropropane	79		79		68-130	0		30
Hexachlorobutadiene	79		88		67-130	11		30
Isopropylbenzene	92		87		70-130	6		30
p-Isopropyltoluene	90		90		70-130	0		30
Naphthalene	89		92		70-130	3		30
Acrylonitrile	80		79		70-130	1		30
n-Propylbenzene	90		87		70-130	3		30
1,2,3-Trichlorobenzene	88		93		70-130	6		30
1,2,4-Trichlorobenzene	88		94		70-130	7		30
1,3,5-Trimethylbenzene	94		88		70-130	7		30
1,2,4-Trimethylbenzene	94		89		70-130	5		30
1,4-Dioxane	79		77		65-136	3		30
p-Diethylbenzene	83		91		70-130	9		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08 Batch: WG1831549-3 WG1831549-4								
p-Ethyltoluene	93		88		70-130	6		30
1,2,4,5-Tetramethylbenzene	85		91		70-130	7		30
Ethyl ether	83		86		67-130	4		30
trans-1,4-Dichloro-2-butene	92		85		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		85		70-130
Toluene-d8	96		98		70-130
4-Bromofluorobenzene	108		95		70-130
Dibromofluoromethane	94		92		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 06:41
Analyst: MG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	61	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	260		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	31	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	45	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	35	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	32	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	48	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	150	26.	1
Pyrene	62	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	280		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

Total TIC Compounds	5400	J	ug/kg			1
Unknown Benzene	478	J	ug/kg			1
Unknown Benzene	193	J	ug/kg			1
Unknown Benzene	434	J	ug/kg			1
Unknown Alkane	181	J	ug/kg			1
Unknown	411	J	ug/kg			1
Unknown Indene	204	J	ug/kg			1
Unknown	185	J	ug/kg			1
Unknown	314	J	ug/kg			1
Unknown Alkane	221	J	ug/kg			1
Unknown	239	J	ug/kg			1
Unknown	568	J	ug/kg			1
Unknown Alkane	602	J	ug/kg			1
Unknown	561	J	ug/kg			1
Unknown	554	J	ug/kg			1
Unknown Alkane	251	J	ug/kg			1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	55		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 05:18
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.564	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.564	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.282	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.564	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.282	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.282	0.068	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.282	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.564	0.202	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.564	0.154	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.282	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.282	0.146	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.282	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.564	0.323	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.564	0.227	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.564	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.564	0.172	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.564	0.110	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.564	0.095	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.564	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.564	0.230	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.564	0.061	1
PFOA/PFOS, Total	ND		ng/g	0.282	0.047	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	115		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	156	Q	20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	194	Q	19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	122		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	125		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	89		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	127		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 03:34
Analyst: MG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	59		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 05:34
Analyst: SG
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.541	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.541	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.541	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.541	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.541	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.541	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.541	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.541	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.541	0.165	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.541	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.541	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.541	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.541	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.541	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	147		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	180	Q	19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	117		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	98		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 03:58
Analyst: MG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	52		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 05:51
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.548	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.548	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.274	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.548	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.274	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.274	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.274	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.548	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.548	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.274	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.274	0.142	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.274	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.548	0.315	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.548	0.221	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.548	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.548	0.168	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.548	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.548	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.548	0.224	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.548	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.274	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	66		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	143		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	167		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	95		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	59		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:36
Analyst: AC
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.548	0.107	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			68		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 01:14
Analyst: MG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	55		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 06:07
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.540	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.540	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.540	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.540	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.540	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.540	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.540	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.540	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.540	0.165	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.540	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.540	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.540	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.540	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.270	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	60		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	123		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	76	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	150		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	40		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:49
Analyst: AC
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.540	0.106	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			64		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 00:51
Analyst: MG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	74		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 06:24
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.552	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.552	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.276	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.552	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.276	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.276	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.276	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.552	0.198	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.552	0.151	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.276	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.276	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.276	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.552	0.317	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.552	0.222	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.552	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.552	0.169	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.552	0.108	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.552	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.552	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.552	0.226	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.552	0.060	1
PFOA/PFOS, Total	ND		ng/g	0.276	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	68		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	53	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	78		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	68	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	73	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	64	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	56	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	63	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	62	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	41		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	34		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	20	Q	24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 05:55
Analyst: MG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	22	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 06:40
Analyst: SG
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.541	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.541	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.271	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.541	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.271	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.271	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.271	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.541	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.541	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.271	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.271	0.141	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.271	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.541	0.311	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.541	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.541	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.541	0.166	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.541	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.541	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.541	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.541	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.271	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	59		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	119		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	63	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	75	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	145		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	40		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 12:55
Analyst: AC
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.541	0.106	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			63		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 05:31
Analyst: MG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	23	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	50		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 06:57
Analyst: SG
Percent Solids: 87%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.575	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.575	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.287	0.045	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.575	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.287	0.052	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.287	0.070	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.287	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.575	0.206	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.575	0.157	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.287	0.086	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.287	0.149	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.287	0.077	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.575	0.330	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.575	0.232	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.575	0.054	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.575	0.176	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.575	0.097	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.575	0.080	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/g	0.575	0.235	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.575	0.062	1
PFOA/PFOS, Total	ND		ng/g	0.287	0.048	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	150		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	167		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	93		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 13:01
Analyst: AC
Percent Solids: 87%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.575	0.113	1
Surrogate (Extracted Internal Standard)			% Recovery	Qualifier	Acceptance Criteria	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			73		10-117	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 04:21
Analyst: MG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	58		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 07:14
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.543	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.543	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.271	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.543	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.271	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.271	0.066	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.271	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.543	0.195	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.543	0.148	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.271	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.271	0.141	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.271	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.543	0.312	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.543	0.219	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.543	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.543	0.166	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.543	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.543	0.092	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.543	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.543	0.222	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.543	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.271	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	72		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	56	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	72		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	70	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	110		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	62	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	69	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	127		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	51		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	29		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 09/19/23 20:57
 Analyst: IM

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1829100-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 20:57
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1829100-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 20:57
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1829100-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	80		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 01:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1829290-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/21/23 01:10
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1829290-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	114		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	153		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	184	Q	19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	119		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	121		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	123		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/21/23 11:34
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/19/23 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1829290-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	89		10-117

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1829100-2 WG1829100-3								
Acenaphthene	77		69		31-137	11		50
1,2,4-Trichlorobenzene	72		66		38-107	9		50
Hexachlorobenzene	70		62		40-140	12		50
Bis(2-chloroethyl)ether	69		65		40-140	6		50
2-Chloronaphthalene	75		66		40-140	13		50
1,2-Dichlorobenzene	68		64		40-140	6		50
1,3-Dichlorobenzene	67		62		40-140	8		50
1,4-Dichlorobenzene	67		63		28-104	6		50
3,3'-Dichlorobenzidine	59		57		40-140	3		50
2,4-Dinitrotoluene	93		82		40-132	13		50
2,6-Dinitrotoluene	84		72		40-140	15		50
Fluoranthene	78		70		40-140	11		50
4-Chlorophenyl phenyl ether	76		68		40-140	11		50
4-Bromophenyl phenyl ether	74		63		40-140	16		50
Bis(2-chloroisopropyl)ether	57		53		40-140	7		50
Bis(2-chloroethoxy)methane	79		71		40-117	11		50
Hexachlorobutadiene	67		62		40-140	8		50
Hexachlorocyclopentadiene	77		69		40-140	11		50
Hexachloroethane	70		65		40-140	7		50
Isophorone	82		74		40-140	10		50
Naphthalene	71		65		40-140	9		50
Nitrobenzene	79		72		40-140	9		50
NDPA/DPA	81		72		36-157	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1829100-2 WG1829100-3								
n-Nitrosodi-n-propylamine	79		74		32-121	7		50
Bis(2-ethylhexyl)phthalate	85		78		40-140	9		50
Butyl benzyl phthalate	84		76		40-140	10		50
Di-n-butylphthalate	95		83		40-140	13		50
Di-n-octylphthalate	85		78		40-140	9		50
Diethyl phthalate	87		76		40-140	13		50
Dimethyl phthalate	78		70		40-140	11		50
Benzo(a)anthracene	78		72		40-140	8		50
Benzo(a)pyrene	84		77		40-140	9		50
Benzo(b)fluoranthene	76		71		40-140	7		50
Benzo(k)fluoranthene	75		69		40-140	8		50
Chrysene	75		69		40-140	8		50
Acenaphthylene	85		75		40-140	13		50
Anthracene	78		71		40-140	9		50
Benzo(ghi)perylene	80		73		40-140	9		50
Fluorene	81		72		40-140	12		50
Phenanthrene	75		68		40-140	10		50
Dibenzo(a,h)anthracene	79		72		40-140	9		50
Indeno(1,2,3-cd)pyrene	87		79		40-140	10		50
Pyrene	76		69		35-142	10		50
Biphenyl	77		69		37-127	11		50
4-Chloroaniline	74		68		40-140	8		50
2-Nitroaniline	88		76		47-134	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1829100-2 WG1829100-3								
3-Nitroaniline	78		70		26-129	11		50
4-Nitroaniline	83		75		41-125	10		50
Dibenzofuran	77		70		40-140	10		50
2-Methylnaphthalene	75		68		40-140	10		50
1,2,4,5-Tetrachlorobenzene	73		66		40-117	10		50
Acetophenone	76		70		14-144	8		50
2,4,6-Trichlorophenol	85		77		30-130	10		50
p-Chloro-m-cresol	85		76		26-103	11		50
2-Chlorophenol	77		71		25-102	8		50
2,4-Dichlorophenol	81		75		30-130	8		50
2,4-Dimethylphenol	83		75		30-130	10		50
2-Nitrophenol	94		85		30-130	10		50
4-Nitrophenol	96		86		11-114	11		50
2,4-Dinitrophenol	82		71		4-130	14		50
4,6-Dinitro-o-cresol	101		89		10-130	13		50
Pentachlorophenol	76		68		17-109	11		50
Phenol	76		71		26-90	7		50
2-Methylphenol	79		72		30-130.	9		50
3-Methylphenol/4-Methylphenol	80		75		30-130	6		50
2,4,5-Trichlorophenol	83		72		30-130	14		50
Benzoic Acid	42		38		10-110	10		50
Benzyl Alcohol	83		76		40-140	9		50
Carbazole	81		73		54-128	10		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1829100-2 WG1829100-3								
1,4-Dioxane	58		52		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		72		25-120
Phenol-d6	78		70		10-120
Nitrobenzene-d5	85		76		23-120
2-Fluorobiphenyl	75		66		30-120
2,4,6-Tribromophenol	74		65		10-136
4-Terphenyl-d14	71		63		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1829290-2								
Perfluorobutanoic Acid (PFBA)	114		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	116		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	122		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	124		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	111		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	117		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	120		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	117		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	110		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	119		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	117		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1829290-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	144				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	170				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	118				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	110				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68				24-159

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1829290-2								
Perfluorooctanesulfonamide (FOSA)	101		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354548

Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829290-3 QC Sample: L2353059-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	5.47	6.17	113	-	-	-	-	71-135	-	-	30
Perfluoropentanoic Acid (PFPeA)	ND	5.47	5.99	109	-	-	-	-	69-132	-	-	30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.86	5.38	111	-	-	-	-	72-128	-	-	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.13	5.57	108	-	-	-	-	62-145	-	-	30
Perfluorohexanoic Acid (PFHxA)	ND	5.47	6.03	110	-	-	-	-	70-132	-	-	30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.16	5.93	115	-	-	-	-	73-123	-	-	30
Perfluoroheptanoic Acid (PFHpA)	ND	5.47	5.99	109	-	-	-	-	71-131	-	-	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5	5.18	104	-	-	-	-	67-130	-	-	30
Perfluorooctanoic Acid (PFOA)	ND	5.47	6.37	116	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.21	5.22	100	-	-	-	-	64-140	-	-	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.22	6.25	120	-	-	-	-	70-132	-	-	30
Perfluorononanoic Acid (PFNA)	ND	5.47	6.61	121	-	-	-	-	72-129	-	-	30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.08	5.44	107	-	-	-	-	68-136	-	-	30
Perfluorodecanoic Acid (PFDA)	ND	5.47	6.49	119	-	-	-	-	69-133	-	-	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.25	5.82	111	-	-	-	-	65-137	-	-	30
Perfluorononanesulfonic Acid (PFNS)	ND	5.26	6.31	120	-	-	-	-	69-125	-	-	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.47	6.16	113	-	-	-	-	63-144	-	-	30
Perfluoroundecanoic Acid (PFUnA)	ND	5.47	5.89	108	-	-	-	-	64-136	-	-	30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.29	5.40	102	-	-	-	-	59-134	-	-	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.47	6.71	123	-	-	-	-	61-139	-	-	30
Perfluorododecanoic Acid (PFDoA)	ND	5.47	5.98	109	-	-	-	-	69-135	-	-	30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.47	6.70	122	-	-	-	-	66-139	-	-	30

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829290-3 QC Sample: L2353059-01 Client ID: MS Sample												
Perfluorotetradecanoic Acid (PFTA)	ND	5.47	6.25	114		-	-		69-133	-		30

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	95				14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	39				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73	Q			75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	26				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	76				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	60				58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74	Q			79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74	Q			75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	67	Q			72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90				74-139

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2354548
Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829290-4 QC Sample: L2353059-02 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/g	NC		30

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2354548
Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829290-4 QC Sample: L2353059-02 Client ID: DUP Sample						
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		64		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		91		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		81		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		87		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	115		125		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	65	Q	69	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71	Q	76	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73	Q	80		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	131		146		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49		52		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		95		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		58		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		75		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	30		31		24-159

PCBS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 02:47
Analyst: RMP
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.63	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.0	1	A
Aroclor 1242	ND		ug/kg	52.2	7.03	1	A
Aroclor 1248	ND		ug/kg	52.2	7.82	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	19.4	J	ug/kg	52.2	9.64	1	B
Aroclor 1262	ND		ug/kg	52.2	6.62	1	A
Aroclor 1268	ND		ug/kg	52.2	5.40	1	A
PCBs, Total	19.4	J	ug/kg	52.2	4.63	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 02:55
Analyst: RMP
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.2	4.72	1	A
Aroclor 1221	ND		ug/kg	53.2	5.33	1	A
Aroclor 1232	ND		ug/kg	53.2	11.3	1	A
Aroclor 1242	ND		ug/kg	53.2	7.17	1	A
Aroclor 1248	ND		ug/kg	53.2	7.98	1	A
Aroclor 1254	ND		ug/kg	53.2	5.82	1	A
Aroclor 1260	ND		ug/kg	53.2	9.83	1	A
Aroclor 1262	ND		ug/kg	53.2	6.76	1	A
Aroclor 1268	ND		ug/kg	53.2	5.51	1	A
PCBs, Total	ND		ug/kg	53.2	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:03
Analyst: RMP
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.0	4.62	1	A
Aroclor 1221	ND		ug/kg	52.0	5.21	1	A
Aroclor 1232	ND		ug/kg	52.0	11.0	1	A
Aroclor 1242	ND		ug/kg	52.0	7.01	1	A
Aroclor 1248	ND		ug/kg	52.0	7.80	1	A
Aroclor 1254	ND		ug/kg	52.0	5.69	1	A
Aroclor 1260	ND		ug/kg	52.0	9.61	1	A
Aroclor 1262	ND		ug/kg	52.0	6.60	1	A
Aroclor 1268	ND		ug/kg	52.0	5.39	1	A
PCBs, Total	ND		ug/kg	52.0	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:11
Analyst: RMP
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.30	1	A
Aroclor 1248	ND		ug/kg	54.2	8.12	1	A
Aroclor 1254	ND		ug/kg	54.2	5.92	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.61	1	A
PCBs, Total	ND		ug/kg	54.2	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:19
Analyst: RMP
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.55	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.91	1	A
Aroclor 1248	ND		ug/kg	51.3	7.69	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.48	1	A
Aroclor 1262	ND		ug/kg	51.3	6.51	1	A
Aroclor 1268	ND		ug/kg	51.3	5.31	1	A
PCBs, Total	ND		ug/kg	51.3	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:27
Analyst: RMP
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.8	4.78	1	A
Aroclor 1221	ND		ug/kg	53.8	5.39	1	A
Aroclor 1232	ND		ug/kg	53.8	11.4	1	A
Aroclor 1242	ND		ug/kg	53.8	7.25	1	A
Aroclor 1248	ND		ug/kg	53.8	8.06	1	A
Aroclor 1254	ND		ug/kg	53.8	5.88	1	A
Aroclor 1260	ND		ug/kg	53.8	9.94	1	A
Aroclor 1262	ND		ug/kg	53.8	6.83	1	A
Aroclor 1268	ND		ug/kg	53.8	5.57	1	A
PCBs, Total	ND		ug/kg	53.8	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:35
Analyst: RMP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.63	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.58	1	A
Aroclor 1248	ND		ug/kg	56.2	8.43	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	A
Aroclor 1262	ND		ug/kg	56.2	7.14	1	A
Aroclor 1268	ND		ug/kg	56.2	5.82	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:43
Analyst: RMP
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.96	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.65	1	A
Aroclor 1260	ND		ug/kg	51.6	9.54	1	A
Aroclor 1262	ND		ug/kg	51.6	6.56	1	A
Aroclor 1268	ND		ug/kg	51.6	5.35	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/20/23 01:14
 Analyst: ER

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 09:55
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08 Batch: WG1829156-1						
Aroclor 1016	ND		ug/kg	46.2	4.10	A
Aroclor 1221	ND		ug/kg	46.2	4.63	A
Aroclor 1232	ND		ug/kg	46.2	9.80	A
Aroclor 1242	ND		ug/kg	46.2	6.23	A
Aroclor 1248	ND		ug/kg	46.2	6.93	A
Aroclor 1254	ND		ug/kg	46.2	5.06	A
Aroclor 1260	ND		ug/kg	46.2	8.54	A
Aroclor 1262	ND		ug/kg	46.2	5.87	A
Aroclor 1268	ND		ug/kg	46.2	4.79	A
PCBs, Total	ND		ug/kg	46.2	4.10	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1829156-2 WG1829156-3									
Aroclor 1016	75		70		40-140	7		50	A
Aroclor 1260	73		68		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	A
Decachlorobiphenyl	72		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	B
Decachlorobiphenyl	75		71		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 14:17
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.354	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	ND		ug/kg	1.80	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.02	1	A
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	A
Endrin ketone	ND		ug/kg	1.80	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	1.99		ug/kg	1.80	0.418	1	B
4,4'-DDD	3.25		ug/kg	1.80	0.644	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.48	1	A
cis-Chlordane	6.50	IP	ug/kg	2.26	0.629	1	B
trans-Chlordane	5.32	IP	ug/kg	2.26	0.596	1	B
Chlordane	61.0		ug/kg	15.0	5.98	1	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 17:39
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.864	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.973	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.08	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.73	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 11:18
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.400	1	A
Endosulfan II	ND		ug/kg	1.70	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 11:29
Analyst: AKM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.342	1	A
Lindane	ND		ug/kg	0.727	0.325	1	A
Alpha-BHC	ND		ug/kg	0.727	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.661	1	A
Heptachlor	ND		ug/kg	0.872	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.981	1	A
Endrin	ND		ug/kg	0.727	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.763	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.545	1	A
4,4'-DDE	ND		ug/kg	1.74	0.403	1	A
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.583	1	A
Endosulfan sulfate	ND		ug/kg	0.727	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.16	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.5	5.78	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 17:50
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.342	1	A
Lindane	ND		ug/kg	0.727	0.325	1	A
Alpha-BHC	ND		ug/kg	0.727	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.662	1	A
Heptachlor	ND		ug/kg	0.872	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.982	1	A
Endrin	ND		ug/kg	0.727	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.763	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.545	1	A
4,4'-DDE	ND		ug/kg	1.74	0.404	1	A
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.583	1	A
Endosulfan sulfate	ND		ug/kg	0.727	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.16	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.5	5.78	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 18:01
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	0.416	JIP	ug/kg	1.75	0.405	1	A
4,4'-DDD	ND	IP	ug/kg	1.75	0.624	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	1	A
cis-Chlordane	1.69	J	ug/kg	2.19	0.610	1	A
trans-Chlordane	2.03	J	ug/kg	2.19	0.578	1	A
Chlordane	18.4		ug/kg	14.6	5.80	1	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 18:12
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.803	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	ND	IP	ug/kg	1.84	0.424	1	A
4,4'-DDD	1.14	J	ug/kg	1.84	0.655	1	B
4,4'-DDT	ND		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	1.29	JIP	ug/kg	2.29	0.640	1	B
trans-Chlordane	2.45		ug/kg	2.29	0.606	1	A
Chlordane	22.8		ug/kg	15.3	6.08	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 18:23
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	1.00	1	A
Toxaphene	ND		ug/kg	32.1	9.00	1	A
cis-Chlordane	ND		ug/kg	2.14	0.597	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/20/23 12:06
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 12:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1829250-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.639	0.286	A
Alpha-BHC	ND		ug/kg	0.639	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.767	0.344	A
Aldrin	ND		ug/kg	1.53	0.540	A
Heptachlor epoxide	ND		ug/kg	2.88	0.863	A
Endrin	ND		ug/kg	0.639	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.671	A
Endrin ketone	ND		ug/kg	1.53	0.395	A
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDD	ND		ug/kg	1.53	0.547	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.639	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.894	A
Toxaphene	ND		ug/kg	28.8	8.05	A
cis-Chlordane	ND		ug/kg	1.92	0.534	A
trans-Chlordane	ND		ug/kg	1.92	0.506	A
Chlordane	ND		ug/kg	12.8	5.08	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/20/23 12:06
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 12:42
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1829250-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354548

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1829250-2 WG1829250-3									
Delta-BHC	84		81		30-150	4		30	A
Lindane	77		74		30-150	4		30	A
Alpha-BHC	79		75		30-150	5		30	A
Beta-BHC	74		72		30-150	3		30	A
Heptachlor	76		72		30-150	5		30	A
Aldrin	76		72		30-150	5		30	A
Heptachlor epoxide	72		70		30-150	3		30	A
Endrin	80		76		30-150	5		30	A
Endrin aldehyde	62		62		30-150	0		30	A
Endrin ketone	86		83		30-150	4		30	A
Dieldrin	86		82		30-150	5		30	A
4,4'-DDE	80		75		30-150	6		30	A
4,4'-DDD	85		80		30-150	6		30	A
4,4'-DDT	86		80		30-150	7		30	A
Endosulfan I	78		74		30-150	5		30	A
Endosulfan II	82		78		30-150	5		30	A
Endosulfan sulfate	79		77		30-150	3		30	A
Methoxychlor	82		77		30-150	6		30	A
cis-Chlordane	72		69		30-150	4		30	A
trans-Chlordane	84		81		30-150	4		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1829250-2 WG1829250-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		67		30-150	A
Decachlorobiphenyl	76		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		72		30-150	B
Decachlorobiphenyl	73		71		30-150	B

METALS

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-01

Date Collected: 09/18/23 09:45

Client ID: RI-SB-08 (2.5-3)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9880		mg/kg	8.75	2.36	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Antimony, Total	0.641	J	mg/kg	4.38	0.332	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Arsenic, Total	6.47		mg/kg	0.875	0.182	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Barium, Total	112		mg/kg	0.875	0.152	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.306	J	mg/kg	0.438	0.029	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.104	J	mg/kg	0.875	0.086	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Calcium, Total	4670		mg/kg	8.75	3.06	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Chromium, Total	17.8		mg/kg	0.875	0.084	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.72		mg/kg	1.75	0.145	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Copper, Total	15.7		mg/kg	0.875	0.226	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Iron, Total	17000		mg/kg	4.38	0.790	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Lead, Total	38.0		mg/kg	4.38	0.234	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Magnesium, Total	5470		mg/kg	8.75	1.35	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Manganese, Total	225		mg/kg	0.875	0.139	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/20/23 02:30	09/21/23 15:49	EPA 7471B	1,7471B	MJR
Nickel, Total	13.8		mg/kg	2.19	0.212	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Potassium, Total	4310		mg/kg	219	12.6	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.75	0.226	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.438	0.248	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Sodium, Total	289		mg/kg	175	2.76	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Thallium, Total	3.36		mg/kg	1.75	0.276	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Vanadium, Total	25.5		mg/kg	0.875	0.178	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY
Zinc, Total	52.3		mg/kg	4.38	0.256	2	09/20/23 01:30	09/20/23 20:19	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-02

Date Collected: 09/18/23 09:50

Client ID: RI-SB-08 (7-7.5)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10500		mg/kg	8.48	2.29	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.24	0.322	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.44		mg/kg	0.848	0.176	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Barium, Total	140		mg/kg	0.848	0.148	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.297	J	mg/kg	0.424	0.028	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.848	0.083	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Calcium, Total	7030		mg/kg	8.48	2.97	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Chromium, Total	19.9		mg/kg	0.848	0.081	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.19		mg/kg	1.70	0.141	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Copper, Total	15.1		mg/kg	0.848	0.219	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Iron, Total	18900		mg/kg	4.24	0.765	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Lead, Total	4.34		mg/kg	4.24	0.227	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Magnesium, Total	7340		mg/kg	8.48	1.30	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Manganese, Total	217		mg/kg	0.848	0.135	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.076	0.049	1	09/20/23 02:30	09/21/23 15:52	EPA 7471B	1,7471B	MJR
Nickel, Total	14.4		mg/kg	2.12	0.205	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Potassium, Total	5690		mg/kg	212	12.2	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Silver, Total	0.252	J	mg/kg	0.424	0.240	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Sodium, Total	139	J	mg/kg	170	2.67	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Thallium, Total	4.04		mg/kg	1.70	0.267	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Vanadium, Total	29.4		mg/kg	0.848	0.172	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY
Zinc, Total	42.5		mg/kg	4.24	0.248	2	09/20/23 01:30	09/20/23 20:41	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-03

Date Collected: 09/18/23 09:55

Client ID: RI-SB-08 (10.5-11)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8750		mg/kg	8.60	2.32	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.30	0.327	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.87		mg/kg	0.860	0.179	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Barium, Total	115		mg/kg	0.860	0.150	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.233	J	mg/kg	0.430	0.028	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.860	0.084	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Calcium, Total	5790		mg/kg	8.60	3.01	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Chromium, Total	22.8		mg/kg	0.860	0.083	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.57		mg/kg	1.72	0.143	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Copper, Total	13.3		mg/kg	0.860	0.222	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Iron, Total	15700		mg/kg	4.30	0.777	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Lead, Total	6.15		mg/kg	4.30	0.230	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Magnesium, Total	6040		mg/kg	8.60	1.32	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Manganese, Total	192		mg/kg	0.860	0.137	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.088	0.057	1	09/20/23 02:30	09/21/23 15:56	EPA 7471B	1,7471B	MJR
Nickel, Total	13.2		mg/kg	2.15	0.208	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Potassium, Total	4530		mg/kg	215	12.4	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.430	0.243	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Sodium, Total	129	J	mg/kg	172	2.71	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Thallium, Total	3.22		mg/kg	1.72	0.271	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Vanadium, Total	22.9		mg/kg	0.860	0.175	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY
Zinc, Total	37.3		mg/kg	4.30	0.252	2	09/20/23 01:30	09/20/23 20:44	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-04

Date Collected: 09/18/23 10:00

Client ID: RI-SB-08 (17.5-18)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.55	2.31	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.27	0.325	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.20		mg/kg	0.855	0.178	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Barium, Total	161		mg/kg	0.855	0.149	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.368	J	mg/kg	0.427	0.028	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.855	0.084	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Calcium, Total	7220		mg/kg	8.55	2.99	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Chromium, Total	22.8		mg/kg	0.855	0.082	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Cobalt, Total	8.90		mg/kg	1.71	0.142	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Copper, Total	17.1		mg/kg	0.855	0.220	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Iron, Total	20700		mg/kg	4.27	0.772	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Lead, Total	5.79		mg/kg	4.27	0.229	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Magnesium, Total	8030		mg/kg	8.55	1.32	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Manganese, Total	244		mg/kg	0.855	0.136	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/20/23 02:30	09/21/23 15:59	EPA 7471B	1,7471B	MJR
Nickel, Total	16.3		mg/kg	2.14	0.207	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Potassium, Total	6700		mg/kg	214	12.3	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.71	0.220	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Silver, Total	0.291	J	mg/kg	0.427	0.242	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Sodium, Total	110	J	mg/kg	171	2.69	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Thallium, Total	4.71		mg/kg	1.71	0.269	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Vanadium, Total	32.3		mg/kg	0.855	0.173	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY
Zinc, Total	49.5		mg/kg	4.27	0.250	2	09/20/23 01:30	09/20/23 20:48	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-05

Date Collected: 09/18/23 14:40

Client ID: RI-SB-08 (24-24.5)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	8.50	2.30	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.25	0.323	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Arsenic, Total	0.961		mg/kg	0.850	0.177	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Barium, Total	146		mg/kg	0.850	0.148	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.329	J	mg/kg	0.425	0.028	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.850	0.083	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Calcium, Total	5160		mg/kg	8.50	2.98	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Chromium, Total	20.5		mg/kg	0.850	0.082	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.47		mg/kg	1.70	0.141	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Copper, Total	15.5		mg/kg	0.850	0.219	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Iron, Total	19200		mg/kg	4.25	0.768	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Lead, Total	4.38		mg/kg	4.25	0.228	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Magnesium, Total	6530		mg/kg	8.50	1.31	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Manganese, Total	211		mg/kg	0.850	0.135	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.074	0.049	1	09/20/23 02:30	09/21/23 16:02	EPA 7471B	1,7471B	MJR
Nickel, Total	14.5		mg/kg	2.12	0.206	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Potassium, Total	6260		mg/kg	212	12.2	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.425	0.241	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Sodium, Total	111	J	mg/kg	170	2.68	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Thallium, Total	4.12		mg/kg	1.70	0.268	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Vanadium, Total	28.8		mg/kg	0.850	0.173	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY
Zinc, Total	46.3		mg/kg	4.25	0.249	2	09/20/23 01:30	09/20/23 20:51	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-06

Date Collected: 09/18/23 14:45

Client ID: RI-SB-08 (26.5-27)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	8.63	2.33	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.32	0.328	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.97		mg/kg	0.863	0.180	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Barium, Total	140		mg/kg	0.863	0.150	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.303	J	mg/kg	0.432	0.029	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.863	0.085	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Calcium, Total	8150		mg/kg	8.63	3.02	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Chromium, Total	28.4		mg/kg	0.863	0.083	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.38		mg/kg	1.73	0.143	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Copper, Total	17.3		mg/kg	0.863	0.223	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Iron, Total	19300		mg/kg	4.32	0.779	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Lead, Total	10.8		mg/kg	4.32	0.231	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Magnesium, Total	7700		mg/kg	8.63	1.33	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Manganese, Total	260		mg/kg	0.863	0.137	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.080	0.052	1	09/20/23 02:30	09/21/23 16:05	EPA 7471B	1,7471B	MJR
Nickel, Total	15.8		mg/kg	2.16	0.209	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Potassium, Total	5670		mg/kg	216	12.4	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.73	0.223	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Silver, Total	0.309	J	mg/kg	0.432	0.244	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Sodium, Total	173		mg/kg	173	2.72	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Thallium, Total	4.06		mg/kg	1.73	0.272	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Vanadium, Total	30.0		mg/kg	0.863	0.175	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY
Zinc, Total	52.9		mg/kg	4.32	0.253	2	09/20/23 01:30	09/20/23 20:54	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-07

Date Collected: 09/18/23 14:55

Client ID: RI-SB-08 (31.5-32)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12900		mg/kg	9.21	2.49	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.60	0.350	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.94		mg/kg	0.921	0.192	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Barium, Total	165		mg/kg	0.921	0.160	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.374	J	mg/kg	0.460	0.030	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.921	0.090	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Calcium, Total	5880		mg/kg	9.21	3.22	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Chromium, Total	26.4		mg/kg	0.921	0.088	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Cobalt, Total	9.42		mg/kg	1.84	0.153	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Copper, Total	17.0		mg/kg	0.921	0.238	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Iron, Total	21400		mg/kg	4.60	0.832	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Lead, Total	7.52		mg/kg	4.60	0.247	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Magnesium, Total	7810		mg/kg	9.21	1.42	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Manganese, Total	246		mg/kg	0.921	0.146	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.082	0.053	1	09/20/23 02:30	09/21/23 16:09	EPA 7471B	1,7471B	MJR
Nickel, Total	17.2		mg/kg	2.30	0.223	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Potassium, Total	6920		mg/kg	230	13.3	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.84	0.238	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Silver, Total	0.279	J	mg/kg	0.460	0.261	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Sodium, Total	140	J	mg/kg	184	2.90	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Thallium, Total	5.00		mg/kg	1.84	0.290	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Vanadium, Total	33.4		mg/kg	0.921	0.187	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY
Zinc, Total	54.2		mg/kg	4.60	0.270	2	09/20/23 01:30	09/20/23 20:57	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23**SAMPLE RESULTS**

Lab ID: L2354548-08

Date Collected: 09/18/23 15:00

Client ID: RI-SB-08 (38.5-39)

Date Received: 09/18/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	8.63	2.33	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.31	0.328	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.12		mg/kg	0.863	0.179	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Barium, Total	177		mg/kg	0.863	0.150	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.414	J	mg/kg	0.431	0.029	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.863	0.085	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Calcium, Total	6160		mg/kg	8.63	3.02	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Chromium, Total	22.3		mg/kg	0.863	0.083	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.98		mg/kg	1.72	0.143	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Copper, Total	16.3		mg/kg	0.863	0.222	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Iron, Total	21400		mg/kg	4.31	0.779	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Lead, Total	5.88		mg/kg	4.31	0.231	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Magnesium, Total	7270		mg/kg	8.63	1.33	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Manganese, Total	241		mg/kg	0.863	0.137	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/20/23 02:30	09/21/23 16:12	EPA 7471B	1,7471B	MJR
Nickel, Total	16.1		mg/kg	2.16	0.209	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Potassium, Total	7120		mg/kg	216	12.4	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.431	0.244	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Sodium, Total	118	J	mg/kg	172	2.72	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Thallium, Total	5.23		mg/kg	1.72	0.272	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Vanadium, Total	34.8		mg/kg	0.863	0.175	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY
Zinc, Total	50.4		mg/kg	4.31	0.253	2	09/20/23 01:30	09/20/23 21:01	EPA 3050B	1,6010D	CEY



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1829236-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Barium, Total	ND		mg/kg	0.400	0.070	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Copper, Total	ND		mg/kg	0.400	0.103	1	09/20/23 01:30	09/20/23 22:56	1,6010D	MAM
Iron, Total	0.635	J	mg/kg	2.00	0.361	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Lead, Total	ND		mg/kg	2.00	0.107	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Potassium, Total	ND		mg/kg	100	5.76	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Silver, Total	ND		mg/kg	0.200	0.113	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Sodium, Total	1.48	J	mg/kg	80.0	1.26	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1829237-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/20/23 02:30	09/21/23 14:47	1,7471B	MJR



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1829236-2 SRM Lot Number: D119-540								
Aluminum, Total	73		-		48-152	-		
Antimony, Total	133		-		10-190	-		
Arsenic, Total	99		-		83-117	-		
Barium, Total	98		-		82-118	-		
Beryllium, Total	100		-		83-117	-		
Cadmium, Total	94		-		82-117	-		
Calcium, Total	98		-		81-118	-		
Chromium, Total	94		-		82-119	-		
Cobalt, Total	95		-		83-117	-		
Copper, Total	95		-		84-116	-		
Iron, Total	91		-		60-140	-		
Lead, Total	101		-		82-118	-		
Magnesium, Total	90		-		76-124	-		
Manganese, Total	97		-		82-118	-		
Nickel, Total	95		-		82-117	-		
Potassium, Total	89		-		70-130	-		
Selenium, Total	99		-		79-121	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	104		-		74-126	-		
Thallium, Total	100		-		81-119	-		
Vanadium, Total	93		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1829236-2 SRM Lot Number: D119-540					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1829237-2 SRM Lot Number: D119-540					
Mercury, Total	108	-	73-127	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08			QC Batch ID: WG1829236-3			QC Sample: L2354448-01			Client ID: MS Sample			
Aluminum, Total	9680	185	11900	1200	Q	-	-		75-125	-		20
Antimony, Total	0.278J	46.4	43.8	94		-	-		75-125	-		20
Arsenic, Total	7.34	11.1	25.9	167	Q	-	-		75-125	-		20
Barium, Total	80.4	185	272	103		-	-		75-125	-		20
Beryllium, Total	0.468	4.64	4.85	94		-	-		75-125	-		20
Cadmium, Total	0.595	4.91	7.70	144	Q	-	-		75-125	-		20
Calcium, Total	41700	927	39800	0	Q	-	-		75-125	-		20
Chromium, Total	137	18.5	182	243	Q	-	-		75-125	-		20
Cobalt, Total	7.25	46.4	42.8	77		-	-		75-125	-		20
Copper, Total	62.1	23.2	92.1	129	Q	-	-		75-125	-		20
Iron, Total	17500	92.7	26400	9600	Q	-	-		75-125	-		20
Lead, Total	217	49.1	399	370	Q	-	-		75-125	-		20
Magnesium, Total	10200	927	18100	852	Q	-	-		75-125	-		20
Manganese, Total	750	46.4	1100	755	Q	-	-		75-125	-		20
Nickel, Total	172	46.4	97.8	0	Q	-	-		75-125	-		20
Potassium, Total	1690	927	2890	129	Q	-	-		75-125	-		20
Selenium, Total	ND	11.1	15.6	140	Q	-	-		75-125	-		20
Silver, Total	ND	4.64	5.46	118		-	-		75-125	-		20
Sodium, Total	120	927	1060	101		-	-		75-125	-		20
Thallium, Total	1.80	11.1	13.6	106		-	-		75-125	-		20
Vanadium, Total	66.2	46.4	148	176	Q	-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-08			QC Batch ID: WG1829236-3		QC Sample: L2354448-01		Client ID: MS Sample			
Zinc, Total	274	46.4	793	1120	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08			QC Batch ID: WG1829237-3		QC Sample: L2354448-01		Client ID: MS Sample			
Mercury, Total	0.148	1.73	1.98	106	-	-	-	80-120	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354548

Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829236-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Arsenic, Total	7.34	38.4	mg/kg	136	Q	20
Barium, Total	80.4	123	mg/kg	42	Q	20
Beryllium, Total	0.468	0.605	mg/kg	26	Q	20
Cadmium, Total	0.595	7.95	mg/kg	172	Q	20
Chromium, Total	137	579	mg/kg	123	Q	20
Lead, Total	217	500	mg/kg	79	Q	20
Nickel, Total	172	736	mg/kg	124	Q	20
Selenium, Total	ND	1.29	mg/kg	NC		20
Vanadium, Total	66.2	149	mg/kg	77	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829236-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829236-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Copper, Total	62.1	691	mg/kg	167	Q	20
Zinc, Total	274	4200	mg/kg	176	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1829237-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Mercury, Total	0.148	0.163	mg/kg	10		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-01
Client ID: RI-SB-08 (2.5-3)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 16:10	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-02
Client ID: RI-SB-08 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:50
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/21/23 05:30	09/21/23 14:42	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-03
Client ID: RI-SB-08 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 09:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	09/21/23 05:30	09/21/23 14:43	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-04
Client ID: RI-SB-08 (17.5-18)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 10:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/21/23 05:30	09/21/23 14:44	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-05
Client ID: RI-SB-08 (24-24.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:40
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/21/23 05:30	09/21/23 14:45	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-06
Client ID: RI-SB-08 (26.5-27)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/21/23 05:30	09/21/23 14:20	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-07
Client ID: RI-SB-08 (31.5-32)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 14:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/21/23 05:30	09/21/23 14:21	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

SAMPLE RESULTS

Lab ID: L2354548-08
Client ID: RI-SB-08 (38.5-39)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/18/23 15:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/21/23 05:30	09/21/23 14:22	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354548

Project Number: 12060 / PHASE 7

Report Date: 09/25/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1829092-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	09/19/23 09:50	09/19/23 15:34	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02-05 Batch: WG1830023-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	09/21/23 05:30	09/21/23 14:15	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06-08 Batch: WG1830026-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	09/21/23 05:30	09/21/23 14:15	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354548**Project Number:** 12060 / PHASE 7**Report Date:** 09/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1829092-2 WG1829092-3								
Cyanide, Total	125	Q	80		80-120	22		35
General Chemistry - Westborough Lab Associated sample(s): 02-05 Batch: WG1830023-2 WG1830023-3								
Cyanide, Total	136	Q	132	Q	80-120	0		35
General Chemistry - Westborough Lab Associated sample(s): 06-08 Batch: WG1830026-2 WG1830026-3								
Cyanide, Total	136	Q	132	Q	80-120	0		35

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1829092-4 WG1829092-5 QC Sample: L2354249-09 Client ID: MS Sample												
Cyanide, Total	ND	9.9	15	150	Q	15	140	Q	75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 02-05 QC Batch ID: WG1830023-4 WG1830023-5 QC Sample: L2354519-05 Client ID: MS Sample												
Cyanide, Total	ND	11	17	160	Q	16	140	Q	75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 06-08 QC Batch ID: WG1830026-4 WG1830026-5 QC Sample: L2354973-02 Client ID: MS Sample												
Cyanide, Total	ND	23	35	150	Q	32	140	Q	75-125	9		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354548

Report Date: 09/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1829045-1 QC Sample: L2354548-01 Client ID: RI-SB-08 (2.5-3)						
Solids, Total	88.5	88.3	%	0		20

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252314:23
Lab Number: L2354548
Report Date: 09/25/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354548-01A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-01B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-01C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-01D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-01E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),CU-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2354548-01G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354548-01H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-01X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-01Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-01Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-02A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-02B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-02C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-02D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-02E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),K-Ti(180),CD-Ti(180),CA-Ti(180),NA-Ti(180)
L2354548-02G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09252314:23
Lab Number: L2354548
Report Date: 09/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354548-02H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-02X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-02Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-02Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-03A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-03B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-03C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-03D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-03E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2354548-03G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354548-03H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-03X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-03Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-03Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-04A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-04B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-04C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-04D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-04E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180)
L2354548-04G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09252314:23
Lab Number: L2354548
Report Date: 09/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354548-04H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-04X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-04Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-04Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-05A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-05B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-05C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-05D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-05E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180)
L2354548-05G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354548-05H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-05X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-05Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-05Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-06A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-06B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-06C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-06D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-06E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),CU-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180)
L2354548-06G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No: 09252314:23
Lab Number: L2354548
Report Date: 09/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354548-06H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-06X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-06Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-06Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-07A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-07B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-07C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-07D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-07E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-07F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2354548-07G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354548-07H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-07X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-07Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-07Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-08A	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-08B	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-08C	5 gram Encore Sampler	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-08D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-08E	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2354548-08F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),MG-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2354548-08G	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252314:23
Lab Number: L2354548
Report Date: 09/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354548-08H	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354548-08X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354548-08Y	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-08Z	Vial Water preserved split	A	NA		4.2	Y	Absent	19-SEP-23 08:12	NYTCL-8260HLW(14)
L2354548-09A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2354548-09B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252314:23
Lab Number: L2354548
Report Date: 09/25/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEEA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09252314:23
Lab Number: L2354548
Report Date: 09/25/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354548
Report Date: 09/25/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>		Date Rec'd in Lab <u>9/19/23</u>		ALPHA Job # <u>2354548</u>																																																																																																																																																																																																									
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Sea Valley Nursery Filling Station</u> Project Location: <u>Ossining, NY (136 Croton Ave)</u> Project # <u>12060 Phase 2</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQulS (1 File) ☒ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #																																																																																																																																																																																																							
Client Information Client: <u>SEST</u> Address: <u>959 1446</u> <u>Suite 300, Parsippany NJ</u> Phone: <u>973 808 9050</u> Fax: Email: <u>Nomica.Norton@sest.com</u>		Project Manager: <u>JAMES Underhill</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																																																																																																																											
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Other project specific requirements/comments: <u>Please use time/Date/Sample IDs on chain of custody</u> Please specify Metals or TAL.						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>ALPHA Lab ID (Lab Use Only)</th> <th>Sample ID</th> <th colspan="2">Collection</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>TCL Total</th> <th>TCL 15 VolS</th> <th>PAS 537</th> <th>1,4 dioxane</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>54548-01</td> <td>RI-SB-08 (25-3)</td> <td>9/15/23</td> <td>945</td> <td>S</td> <td>RR</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>RI-SB-08 (7-7.5)</td> <td></td> <td>950</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>03</td> <td>RI-SB-08 (10.5-11)</td> <td></td> <td>955</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04</td> <td>RI-SB-08 (17.5-18)</td> <td></td> <td>1000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>05</td> <td>RI-SB-08 (24-24.5)</td> <td></td> <td>1440</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>06</td> <td>RI-SB-08 (26.5-27)</td> <td></td> <td>1495</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>07</td> <td>RI-SB-08 (31.5-32)</td> <td></td> <td>1455</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>08</td> <td>RI-SB-08 (38.5-39)</td> <td></td> <td>1500</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>09</td> <td>TB20230918</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID		Collection		Sample Matrix	Sampler's Initials	TCL Total	TCL 15 VolS	PAS 537	1,4 dioxane												54548-01	RI-SB-08 (25-3)	9/15/23	945	S	RR	X	X	X													02	RI-SB-08 (7-7.5)		950																	03	RI-SB-08 (10.5-11)		955																	04	RI-SB-08 (17.5-18)		1000																	05	RI-SB-08 (24-24.5)		1440																	06	RI-SB-08 (26.5-27)		1495																	07	RI-SB-08 (31.5-32)		1455																	08	RI-SB-08 (38.5-39)		1500																	09	TB20230918						X											
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Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: <u>Donnie R.</u> <u>William A. (Signature)</u>		Date/Time: <u>9/18/23 16:00</u> <u>9/18/23 17:22</u>		Received By: <u>William A. (Signature)</u> <u>M. S. Macian</u>		Date/Time: <u>9/18/23 16:00</u> <u>9/18/23 18:50</u> <u>9/19/23 01:00</u>																																																																																																																																																																																																									



ANALYTICAL REPORT

Lab Number:	L2354975
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY FILLING STA
Project Number:	12060 / PHASE 7
Report Date:	09/29/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354975-01	RI-SB-11 (0.5-1)	SOIL	OSSINING, NY (136 CROTON AVE)	09/19/23 10:30	09/19/23
L2354975-02	RI-SB-11 (7-7.5)	SOIL	OSSINING, NY (136 CROTON AVE)	09/19/23 10:35	09/19/23
L2354975-03	RI-SB-11 (10.5-11)	SOIL	OSSINING, NY (136 CROTON AVE)	09/19/23 11:10	09/19/23
L2354975-04	RI-SB-11 (17-17.5)	SOIL	OSSINING, NY (136 CROTON AVE)	09/19/23 11:15	09/19/23
L2354975-05	RI-SB-11 (23.5-24)	SOIL	OSSINING, NY (136 CROTON AVE)	09/19/23 11:20	09/19/23
L2354975-06	DUP20230919	SOIL	OSSINING, NY (136 CROTON AVE)	09/19/23 00:00	09/19/23
L2354975-07	TB20230919	WATER	OSSINING, NY (136 CROTON AVE)	09/19/23 00:00	09/19/23

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Case Narrative (continued)

Report Submission

September 29, 2023: This final report includes the results of all requested analyses.

September 26, 2023: This is a preliminary report.

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

Volatile Organics

L2354975-06: The sample was received in appropriate containers (encores) for the Volatile Organics by EPA Method 5035/8260 analysis; however, they could not be used for analysis due to being empty. With the client's authorization, a sample aliquot was taken from an unpreserved container (jar) and preserved appropriately. Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Perfluorinated Alkyl Acids by Isotope Dilution

L2354975-01 through -06 and WG1829855-1: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2354975-04: The Extracted Internal Standard recovery is less than 10% for n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (8%); however, re-extraction at a lower volume confirmed the original results. The results of the original analysis are reported.

PCBs

The surrogate recoveries for the WG1829853-1 Method Blank, associated with L2354975-01 through -06, are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (20%/20%) and decachlorobiphenyl (19%/17%). The associated samples are non-detect and have acceptable surrogate recoveries; therefore, no further actions were taken.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Case Narrative (continued)

Total Metals

L2354975-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/29/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 19:00
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 19:26
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	97		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 19:52
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	2.37	J	ug/kg	1
Unknown	2.37	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 20:18
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.33	1
Xylenes, Total	ND		ug/kg	1.2	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Tentatively Identified Compounds

Total TIC Compounds	2.47	J	ug/kg	1
Unknown	2.47	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 20:44
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:41
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	0.91	J	ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	0.32	J	ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	100		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-07
Client ID: TB20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/22/23 11:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-07
Client ID: TB20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-07
Client ID: TB20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 10:53
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1831106-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 10:53
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1831106-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 10:53
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1831106-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

Total TIC Compounds	1.45	J	ug/l
Unknown	1.45	J	ug/l

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 10:53
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1831106-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1831703-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1831703-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1831703-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.32	J	ug/kg
Unknown	2.32	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1831703-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	92		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/26/23 09:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1832119-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/26/23 09:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1832119-5					
1,2-Dichlorobenzene	1.3	J	ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	0.45	J	ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/26/23 09:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1832119-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	8.10	J	ug/kg
Unknown	8.10	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1832119-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354975

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1831106-3 WG1831106-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	97		95		63-132	2		20
1,2-Dichloropropane	98		98		70-130	0		20
Dibromochloromethane	88		90		63-130	2		20
1,1,2-Trichloroethane	95		98		70-130	3		20
Tetrachloroethene	97		93		70-130	4		20
Chlorobenzene	99		97		75-130	2		20
Trichlorofluoromethane	100		94		62-150	6		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	97		96		67-130	1		20
Bromodichloromethane	91		93		67-130	2		20
trans-1,3-Dichloropropene	92		93		70-130	1		20
cis-1,3-Dichloropropene	95		97		70-130	2		20
1,1-Dichloropropene	92		91		70-130	1		20
Bromoform	80		85		54-136	6		20
1,1,2,2-Tetrachloroethane	97		100		67-130	3		20
Benzene	98		95		70-130	3		20
Toluene	98		96		70-130	2		20
Ethylbenzene	96		93		70-130	3		20
Chloromethane	110		100		64-130	10		20
Bromomethane	88		84		39-139	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1831106-3 WG1831106-4								
Vinyl chloride	100		96		55-140	4		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	110		98		61-145	12		20
trans-1,2-Dichloroethene	100		99		70-130	1		20
Trichloroethene	90		84		70-130	7		20
1,2-Dichlorobenzene	99		98		70-130	1		20
1,3-Dichlorobenzene	98		98		70-130	0		20
1,4-Dichlorobenzene	99		98		70-130	1		20
Methyl tert butyl ether	93		97		63-130	4		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	90		93		64-130	3		20
Acrylonitrile	99		97		70-130	2		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	99		88		36-147	12		20
Acetone	100		98		58-148	2		20
Carbon disulfide	100		98		51-130	2		20
2-Butanone	93		92		63-138	1		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	87		92		59-130	6		20
2-Hexanone	83		88		57-130	6		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1831106-3 WG1831106-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	96		93		63-133	3		20
1,2-Dibromoethane	94		95		70-130	1		20
1,3-Dichloropropane	93		95		70-130	2		20
1,1,1,2-Tetrachloroethane	94		93		64-130	1		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	93		91		53-136	2		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	98		97		70-130	1		20
o-Chlorotoluene	94		95		70-130	1		20
p-Chlorotoluene	97		96		70-130	1		20
1,2-Dibromo-3-chloropropane	92		95		41-144	3		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	96		95		70-130	1		20
p-Isopropyltoluene	95		93		70-130	2		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	95		95		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	91		91		64-130	0		20
1,2,4-Trimethylbenzene	90		90		70-130	0		20
1,4-Dioxane	110		102		56-162	8		20
p-Diethylbenzene	93		92		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1831106-3 WG1831106-4								
p-Ethyltoluene	97		97		70-130	0		20
1,2,4,5-Tetramethylbenzene	97		98		70-130	1		20
Ethyl ether	95		95		59-134	0		20
trans-1,4-Dichloro-2-butene	84		88		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		104		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1831703-3 WG1831703-4								
Methylene chloride	87		80		70-130	8		30
1,1-Dichloroethane	81		78		70-130	4		30
Chloroform	83		82		70-130	1		30
Carbon tetrachloride	81		78		70-130	4		30
1,2-Dichloropropane	87		85		70-130	2		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	87		86		70-130	1		30
Tetrachloroethene	89		87		70-130	2		30
Chlorobenzene	92		90		70-130	2		30
Trichlorofluoromethane	77		75		70-139	3		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	81		79		70-130	3		30
Bromodichloromethane	85		84		70-130	1		30
trans-1,3-Dichloropropene	89		88		70-130	1		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	82		81		70-130	1		30
Bromoform	86		86		70-130	0		30
1,1,2,2-Tetrachloroethane	82		80		70-130	2		30
Benzene	86		84		70-130	2		30
Toluene	84		82		70-130	2		30
Ethylbenzene	85		84		70-130	1		30
Chloromethane	68		67		52-130	1		30
Bromomethane	71		74		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1831703-3 WG1831703-4								
Vinyl chloride	75		72		67-130	4		30
Chloroethane	76		77		50-151	1		30
1,1-Dichloroethene	84		83		65-135	1		30
trans-1,2-Dichloroethene	90		79		70-130	13		30
Trichloroethene	90		88		70-130	2		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	93		91		70-130	2		30
Methyl tert butyl ether	104		93		66-130	11		30
p/m-Xylene	89		88		70-130	1		30
o-Xylene	90		89		70-130	1		30
cis-1,2-Dichloroethene	86		84		70-130	2		30
Dibromomethane	90		89		70-130	1		30
Styrene	89		88		70-130	1		30
Dichlorodifluoromethane	64		61		30-146	5		30
Acetone	69		69		54-140	0		30
Carbon disulfide	82		80		59-130	2		30
2-Butanone	73		76		70-130	4		30
Vinyl acetate	68	Q	65	Q	70-130	5		30
4-Methyl-2-pentanone	77		75		70-130	3		30
1,2,3-Trichloropropane	85		85		68-130	0		30
2-Hexanone	72		72		70-130	0		30
Bromochloromethane	94		94		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1831703-3 WG1831703-4								
2,2-Dichloropropane	76		75		70-130	1		30
1,2-Dibromoethane	94		95		70-130	1		30
1,3-Dichloropropane	92		91		69-130	1		30
1,1,1,2-Tetrachloroethane	96		95		70-130	1		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	86		82		70-130	5		30
sec-Butylbenzene	86		83		70-130	4		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	87		87		70-130	0		30
p-Chlorotoluene	88		85		70-130	3		30
1,2-Dibromo-3-chloropropane	82		80		68-130	2		30
Hexachlorobutadiene	84		83		67-130	1		30
Isopropylbenzene	86		84		70-130	2		30
p-Isopropyltoluene	87		85		70-130	2		30
Naphthalene	95		94		70-130	1		30
Acrylonitrile	82		83		70-130	1		30
n-Propylbenzene	85		82		70-130	4		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	95		92		70-130	3		30
1,3,5-Trimethylbenzene	88		85		70-130	3		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
1,4-Dioxane	86		87		65-136	1		30
p-Diethylbenzene	87		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1831703-3 WG1831703-4								
p-Ethyltoluene	86		84		70-130	2		30
1,2,4,5-Tetramethylbenzene	91		89		70-130	2		30
Ethyl ether	101		99		67-130	2		30
trans-1,4-Dichloro-2-butene	87		86		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		88		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	94		93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1832119-3 WG1832119-4								
Methylene chloride	76		83		70-130	9		30
1,1-Dichloroethane	76		84		70-130	10		30
Chloroform	70		76		70-130	8		30
Carbon tetrachloride	79		88		70-130	11		30
1,2-Dichloropropane	78		84		70-130	7		30
Dibromochloromethane	93		97		70-130	4		30
1,1,2-Trichloroethane	86		92		70-130	7		30
Tetrachloroethene	108		114		70-130	5		30
Chlorobenzene	88		96		70-130	9		30
Trichlorofluoromethane	89		98		70-139	10		30
1,2-Dichloroethane	75		84		70-130	11		30
1,1,1-Trichloroethane	79		87		70-130	10		30
Bromodichloromethane	77		84		70-130	9		30
trans-1,3-Dichloropropene	84		91		70-130	8		30
cis-1,3-Dichloropropene	87		92		70-130	6		30
1,1-Dichloropropene	84		91		70-130	8		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	62	Q	73		70-130	16		30
Benzene	82		90		70-130	9		30
Toluene	86		92		70-130	7		30
Ethylbenzene	85		92		70-130	8		30
Chloromethane	81		87		52-130	7		30
Bromomethane	75		79		57-147	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1832119-3 WG1832119-4								
Vinyl chloride	84		91		67-130	8		30
Chloroethane	78		84		50-151	7		30
1,1-Dichloroethene	85		94		65-135	10		30
trans-1,2-Dichloroethene	85		93		70-130	9		30
Trichloroethene	98		96		70-130	2		30
1,2-Dichlorobenzene	91		94		70-130	3		30
1,3-Dichlorobenzene	90		92		70-130	2		30
1,4-Dichlorobenzene	91		94		70-130	3		30
Methyl tert butyl ether	89		99		66-130	11		30
p/m-Xylene	92		100		70-130	8		30
o-Xylene	92		98		70-130	6		30
cis-1,2-Dichloroethene	84		80		70-130	5		30
Dibromomethane	82		89		70-130	8		30
Styrene	90		96		70-130	6		30
Dichlorodifluoromethane	100		111		30-146	10		30
Acetone	63		65		54-140	3		30
Carbon disulfide	79		86		59-130	8		30
2-Butanone	65	Q	69	Q	70-130	6		30
Vinyl acetate	46	Q	80		70-130	54	Q	30
4-Methyl-2-pentanone	78		81		70-130	4		30
1,2,3-Trichloropropane	71		73		68-130	3		30
2-Hexanone	69	Q	70		70-130	1		30
Bromochloromethane	79		88		70-130	11		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1832119-3 WG1832119-4								
2,2-Dichloropropane	73		73		70-130	0		30
1,2-Dibromoethane	93		101		70-130	8		30
1,3-Dichloropropane	82		88		69-130	7		30
1,1,1,2-Tetrachloroethane	95		101		70-130	6		30
Bromobenzene	94		97		70-130	3		30
n-Butylbenzene	83		86		70-130	4		30
sec-Butylbenzene	85		90		70-130	6		30
tert-Butylbenzene	89		92		70-130	3		30
o-Chlorotoluene	83		102		70-130	21		30
p-Chlorotoluene	82		85		70-130	4		30
1,2-Dibromo-3-chloropropane	95		98		68-130	3		30
Hexachlorobutadiene	105		109		67-130	4		30
Isopropylbenzene	86		89		70-130	3		30
p-Isopropyltoluene	91		95		70-130	4		30
Naphthalene	90		92		70-130	2		30
Acrylonitrile	78		81		70-130	4		30
n-Propylbenzene	80		85		70-130	6		30
1,2,3-Trichlorobenzene	102		106		70-130	4		30
1,2,4-Trichlorobenzene	103		106		70-130	3		30
1,3,5-Trimethylbenzene	86		89		70-130	3		30
1,2,4-Trimethylbenzene	88		91		70-130	3		30
1,4-Dioxane	89		92		65-136	3		30
p-Diethylbenzene	92		96		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1832119-3 WG1832119-4								
p-Ethyltoluene	87		90		70-130	3		30
1,2,4,5-Tetramethylbenzene	88		92		70-130	4		30
Ethyl ether	82		93		67-130	13		30
trans-1,4-Dichloro-2-butene	72		75		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	81		84		70-130
Toluene-d8	95		97		70-130
4-Bromofluorobenzene	94		89		70-130
Dibromofluoromethane	87		88		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 04:37
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 19:42
Analyst: SG
Percent Solids: 89%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.550	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.550	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.550	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.550	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.550	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.082	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.550	0.316	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.550	0.222	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.550	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.550	0.168	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.550	0.108	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.550	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.550	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.550	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.550	0.059	1
PFOA/PFOS, Total	ND		ng/g	0.275	0.046	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C4]Butanoic Acid (MPFBA)	84			61-135		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81			58-150		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90			74-139		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91			66-128		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90			71-129		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85			78-139		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85			75-130		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	73			20-154		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79			72-140		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77		Q	79-136		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82			75-130		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71			19-175		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	31			31-134		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75			61-155		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87			10-117		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	30		Q	34-137		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66			54-150		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	27			24-159		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 02:40
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	49		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 19:59
Analyst: SG
Percent Solids: 94%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.531	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.531	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.265	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.531	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.265	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.265	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.265	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.531	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.531	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.265	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.265	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.265	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.531	0.305	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.531	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.531	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.531	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.531	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.531	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.531	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.531	0.217	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.531	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.265	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	75		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	86		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	77		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	23	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	66		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	18	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	59		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	27		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 07:20
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	22	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	37	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Tentatively Identified Compounds

Total TIC Compounds	4320	J	ug/kg			1
Unknown	611	J	ug/kg			1
Unknown	787	J	ug/kg			1
Unknown	198	J	ug/kg			1
Unknown	425	J	ug/kg			1
Unknown	1340	J	ug/kg			1
Unknown Organic Acid	334	J	ug/kg			1
Unknown	223	J	ug/kg			1
Unknown	214	J	ug/kg			1
Unknown Organic Acid	189	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	71		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 20:32
Analyst: SG
Percent Solids: 94%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.533	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.533	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.267	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.533	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.267	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.267	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.267	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.533	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.533	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.267	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.267	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.267	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.533	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.533	0.215	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.533	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.533	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.533	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.533	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.533	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.533	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.533	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.267	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	69		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	68		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	76	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	57		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	69	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	60	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	27		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	25	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	58	Q	61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	15	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	53	Q	54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	26		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 03:50
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	71		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 20:49
Analyst: SG
Percent Solids: 95%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.513	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.513	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.256	0.040	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.513	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.256	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.256	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.256	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.513	0.184	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.513	0.140	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.256	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.256	0.133	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.256	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.513	0.294	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.513	0.207	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.513	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.513	0.157	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.513	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.513	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.513	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.513	0.210	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.513	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.256	0.043	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	65		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	64		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	68	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	72	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	64	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	55		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	59	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	63	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	55	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	41		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	22	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	51	Q	61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	48		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	8	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	47	Q	54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	20	Q	24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 03:27
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	78		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 21:05
Analyst: SG
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.533	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.533	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.533	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.533	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.533	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.533	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.533	0.215	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.533	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.533	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.533	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.533	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.533	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.533	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.533	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.266	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	67		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	67		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	73	Q	74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	72	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	70	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	59		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	63	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	69	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	64	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	42		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	26	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	61		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	79		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	10	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	55		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	25		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/22/23 03:03
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	56		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/24/23 21:22
Analyst: SG
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.539	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.539	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.269	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.539	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.269	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.269	0.065	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.269	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.539	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.539	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.269	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.269	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.269	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.539	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.539	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.539	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.539	0.165	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.539	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.539	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.539	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.539	0.220	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.539	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.269	0.045	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	74		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	78		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	76	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	61		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	67	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	54		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	35		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	65		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	55		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	24	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	34		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 10:46
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-06 Batch: WG1829855-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	107		10-117

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 09/22/23 19:11
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-06 Batch: WG1829855-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
 Analytical Date: 09/22/23 19:11
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 09/20/23 14:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-06 Batch: WG1829855-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	129	Q	66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	112		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	101		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	117		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	119		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	119		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69		24-159

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 09:42
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/21/23 02:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1830040-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 09:42
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/21/23 02:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1830040-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 09:42
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/21/23 02:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1830040-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	83		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354975

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829855-2								
Perfluorobutanoic Acid (PFBA)	115		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	115		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	129		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	121		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	122		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	116		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	124		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	116		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	125		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	127		-		69-133	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829855-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	125				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	115				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	102				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	109				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62				24-159

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829855-2								
Perfluorooctanesulfonamide (FOSA)	99		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	98				10-117

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830040-2 WG1830040-3								
Acenaphthene	75		73		31-137	3		50
1,2,4-Trichlorobenzene	82		78		38-107	5		50
Hexachlorobenzene	72		74		40-140	3		50
Bis(2-chloroethyl)ether	67		64		40-140	5		50
2-Chloronaphthalene	81		72		40-140	12		50
1,2-Dichlorobenzene	80		79		40-140	1		50
1,3-Dichlorobenzene	78		77		40-140	1		50
1,4-Dichlorobenzene	80		79		28-104	1		50
3,3'-Dichlorobenzidine	66		62		40-140	6		50
2,4-Dinitrotoluene	85		86		40-132	1		50
2,6-Dinitrotoluene	83		77		40-140	8		50
Fluoranthene	76		79		40-140	4		50
4-Chlorophenyl phenyl ether	83		82		40-140	1		50
4-Bromophenyl phenyl ether	79		81		40-140	3		50
Bis(2-chloroisopropyl)ether	70		67		40-140	4		50
Bis(2-chloroethoxy)methane	67		61		40-117	9		50
Hexachlorobutadiene	92		93		40-140	1		50
Hexachlorocyclopentadiene	92		88		40-140	4		50
Hexachloroethane	73		72		40-140	1		50
Isophorone	64		60		40-140	6		50
Naphthalene	80		79		40-140	1		50
Nitrobenzene	63		61		40-140	3		50
NDPA/DPA	78		78		36-157	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830040-2 WG1830040-3								
n-Nitrosodi-n-propylamine	63		60		32-121	5		50
Bis(2-ethylhexyl)phthalate	97		97		40-140	0		50
Butyl benzyl phthalate	75		77		40-140	3		50
Di-n-butylphthalate	84		79		40-140	6		50
Di-n-octylphthalate	97		96		40-140	1		50
Diethyl phthalate	81		76		40-140	6		50
Dimethyl phthalate	80		78		40-140	3		50
Benzo(a)anthracene	86		84		40-140	2		50
Benzo(a)pyrene	89		88		40-140	1		50
Benzo(b)fluoranthene	78		77		40-140	1		50
Benzo(k)fluoranthene	84		84		40-140	0		50
Chrysene	87		86		40-140	1		50
Acenaphthylene	80		71		40-140	12		50
Anthracene	82		82		40-140	0		50
Benzo(ghi)perylene	89		93		40-140	4		50
Fluorene	79		75		40-140	5		50
Phenanthrene	77		78		40-140	1		50
Dibenzo(a,h)anthracene	89		95		40-140	7		50
Indeno(1,2,3-cd)pyrene	91		96		40-140	5		50
Pyrene	74		77		35-142	4		50
Biphenyl	84		78		37-127	7		50
4-Chloroaniline	44		42		40-140	5		50
2-Nitroaniline	86		78		47-134	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830040-2 WG1830040-3								
3-Nitroaniline	56		54		26-129	4		50
4-Nitroaniline	66		67		41-125	2		50
Dibenzofuran	82		82		40-140	0		50
2-Methylnaphthalene	82		77		40-140	6		50
1,2,4,5-Tetrachlorobenzene	91		85		40-117	7		50
Acetophenone	75		72		14-144	4		50
2,4,6-Trichlorophenol	89		83		30-130	7		50
p-Chloro-m-cresol	71		65		26-103	9		50
2-Chlorophenol	80		79		25-102	1		50
2,4-Dichlorophenol	85		80		30-130	6		50
2,4-Dimethylphenol	71		69		30-130	3		50
2-Nitrophenol	94		90		30-130	4		50
4-Nitrophenol	64		60		11-114	6		50
2,4-Dinitrophenol	74		76		4-130	3		50
4,6-Dinitro-o-cresol	94		97		10-130	3		50
Pentachlorophenol	68		75		17-109	10		50
Phenol	67		64		26-90	5		50
2-Methylphenol	74		69		30-130.	7		50
3-Methylphenol/4-Methylphenol	72		68		30-130	6		50
2,4,5-Trichlorophenol	91		85		30-130	7		50
Benzoic Acid	44		48		10-110	9		50
Benzyl Alcohol	68		65		40-140	5		50
Carbazole	74		74		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830040-2 WG1830040-3								
1,4-Dioxane	54		60		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		74		25-120
Phenol-d6	71		67		10-120
Nitrobenzene-d5	63		61		23-120
2-Fluorobiphenyl	81		75		30-120
2,4,6-Tribromophenol	68		73		10-136
4-Terphenyl-d14	73		73		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354975

Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829855-3 QC Sample: L2353482-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	5.55	6.21	112		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	ND	5.55	6.19	111		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.93	5.51	112		-	-		72-128	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.21	5.45	105		-	-		62-145	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.55	6.08	109		-	-		70-132	-		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.23	6.34	121		-	-		73-123	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.55	6.02	108		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.08	5.42	107		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	ND	5.55	6.29	113		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.29	5.42	102		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.3	6.80	128		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	ND	5.55	6.69	120		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.15	5.60	109		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.55	6.76	122		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.33	5.37	101		-	-		65-137	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.34	6.80	127	Q	-	-		69-125	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.55	5.99	108		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.55	5.49	99		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.36	6.15	115		-	-		59-134	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.55	7.44	134		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.55	6.18	111		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.55	6.84	123		-	-		66-139	-		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829855-3 QC Sample: L2353482-01 Client ID: MS Sample												
Perfluorotetradecanoic Acid (PFTA)	ND	5.55	7.55	136	Q	-	-		69-133	-		30

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	72				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	87				14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	64				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79				75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	36				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	81				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62				58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77	Q			79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81				75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	67	Q			72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				74-139

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354975

Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829855-4 QC Sample: L2353482-02 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829855-4 QC Sample: L2353482-02 Client ID: DUP Sample						

N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/g	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		73		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	59		56	Q	58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		90		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	84		78		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		94		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		85		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	84		77	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74	Q	71	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	61	Q	54	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	70	Q	64	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68	Q	67	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	64		59		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		53		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		84		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	97		101		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		49		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	68		66		54-150

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 7

Lab Number: L2354975

Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829855-4 QC Sample: L2353482-02 Client ID: DUP Sample						

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	22	Q	28		24-159

PCBS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 07:25
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:04
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.4	4.65	1	A
Aroclor 1221	ND		ug/kg	52.4	5.25	1	A
Aroclor 1232	ND		ug/kg	52.4	11.1	1	A
Aroclor 1242	ND		ug/kg	52.4	7.06	1	A
Aroclor 1248	ND		ug/kg	52.4	7.86	1	A
Aroclor 1254	ND		ug/kg	52.4	5.73	1	A
Aroclor 1260	ND		ug/kg	52.4	9.69	1	A
Aroclor 1262	ND		ug/kg	52.4	6.66	1	A
Aroclor 1268	ND		ug/kg	52.4	5.43	1	A
PCBs, Total	ND		ug/kg	52.4	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 07:35
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:04
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.12	1	A
Aroclor 1248	ND		ug/kg	52.8	7.92	1	A
Aroclor 1254	ND		ug/kg	52.8	5.78	1	A
Aroclor 1260	ND		ug/kg	52.8	9.76	1	A
Aroclor 1262	ND		ug/kg	52.8	6.70	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 07:45
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:04
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.55	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.91	1	A
Aroclor 1248	ND		ug/kg	51.3	7.69	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.47	1	A
Aroclor 1262	ND		ug/kg	51.3	6.51	1	A
Aroclor 1268	ND		ug/kg	51.3	5.31	1	A
PCBs, Total	ND		ug/kg	51.3	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 07:55
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:04
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.2	4.28	1	A
Aroclor 1221	ND		ug/kg	48.2	4.83	1	A
Aroclor 1232	ND		ug/kg	48.2	10.2	1	A
Aroclor 1242	ND		ug/kg	48.2	6.50	1	A
Aroclor 1248	ND		ug/kg	48.2	7.23	1	A
Aroclor 1254	ND		ug/kg	48.2	5.27	1	A
Aroclor 1260	ND		ug/kg	48.2	8.90	1	A
Aroclor 1262	ND		ug/kg	48.2	6.12	1	A
Aroclor 1268	ND		ug/kg	48.2	4.99	1	A
PCBs, Total	ND		ug/kg	48.2	4.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 08:05
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:04
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.63	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.64	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 08:15
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:04
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.26	1	A
Aroclor 1232	ND		ug/kg	52.6	11.1	1	A
Aroclor 1242	ND		ug/kg	52.6	7.08	1	A
Aroclor 1248	ND		ug/kg	52.6	7.88	1	A
Aroclor 1254	ND		ug/kg	52.6	5.75	1	A
Aroclor 1260	ND		ug/kg	52.6	9.71	1	A
Aroclor 1262	ND		ug/kg	52.6	6.67	1	A
Aroclor 1268	ND		ug/kg	52.6	5.44	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/21/23 07:35
 Analyst: ER

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 22:06
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/20/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG1829853-1						
Aroclor 1016	ND		ug/kg	45.8	4.06	A
Aroclor 1221	ND		ug/kg	45.8	4.59	A
Aroclor 1232	ND		ug/kg	45.8	9.71	A
Aroclor 1242	ND		ug/kg	45.8	6.17	A
Aroclor 1248	ND		ug/kg	45.8	6.87	A
Aroclor 1254	ND		ug/kg	45.8	5.01	A
Aroclor 1260	ND		ug/kg	45.8	8.46	A
Aroclor 1262	ND		ug/kg	45.8	5.82	A
Aroclor 1268	ND		ug/kg	45.8	4.74	A
PCBs, Total	ND		ug/kg	45.8	4.06	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	20	Q	30-150	A
Decachlorobiphenyl	19	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	20	Q	30-150	B
Decachlorobiphenyl	17	Q	30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1829853-2 WG1829853-3									
Aroclor 1016	74		70		40-140	6		50	A
Aroclor 1260	65		61		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		64		30-150	A
Decachlorobiphenyl	66		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		63		30-150	B
Decachlorobiphenyl	66		56		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 17:13
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:41
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.880	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.990	1	A
Endrin	ND		ug/kg	0.733	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.770	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	ND		ug/kg	1.76	0.407	1	A
4,4'-DDD	ND		ug/kg	1.76	0.628	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.588	1	A
Endosulfan sulfate	ND		ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.24	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.581	1	A
Chlordane	ND		ug/kg	14.7	5.83	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 17:26
Analyst: JAG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:41
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.315	1	A
Lindane	ND		ug/kg	0.671	0.300	1	A
Alpha-BHC	ND		ug/kg	0.671	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.610	1	A
Heptachlor	ND		ug/kg	0.805	0.361	1	A
Aldrin	ND		ug/kg	1.61	0.567	1	A
Heptachlor epoxide	ND		ug/kg	3.02	0.906	1	A
Endrin	ND		ug/kg	0.671	0.275	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.704	1	A
Endrin ketone	ND		ug/kg	1.61	0.415	1	A
Dieldrin	ND		ug/kg	1.01	0.503	1	A
4,4'-DDE	ND		ug/kg	1.61	0.372	1	A
4,4'-DDD	ND		ug/kg	1.61	0.574	1	A
4,4'-DDT	ND		ug/kg	1.61	1.29	1	A
Endosulfan I	ND		ug/kg	1.61	0.380	1	A
Endosulfan II	ND		ug/kg	1.61	0.538	1	A
Endosulfan sulfate	ND		ug/kg	0.671	0.319	1	A
Methoxychlor	ND		ug/kg	3.02	0.939	1	A
Toxaphene	ND		ug/kg	30.2	8.45	1	A
cis-Chlordane	ND		ug/kg	2.01	0.561	1	A
trans-Chlordane	ND		ug/kg	2.01	0.531	1	A
Chlordane	ND		ug/kg	13.4	5.33	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 17:36
Analyst: JAG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:41
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.316	1	A
Lindane	ND		ug/kg	0.674	0.301	1	A
Alpha-BHC	ND		ug/kg	0.674	0.191	1	A
Beta-BHC	ND		ug/kg	1.62	0.613	1	A
Heptachlor	ND		ug/kg	0.808	0.362	1	A
Aldrin	ND		ug/kg	1.62	0.569	1	A
Heptachlor epoxide	ND		ug/kg	3.03	0.909	1	A
Endrin	ND		ug/kg	0.674	0.276	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.707	1	A
Endrin ketone	ND		ug/kg	1.62	0.416	1	A
Dieldrin	ND		ug/kg	1.01	0.505	1	A
4,4'-DDE	ND		ug/kg	1.62	0.374	1	A
4,4'-DDD	ND		ug/kg	1.62	0.576	1	A
4,4'-DDT	ND		ug/kg	1.62	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.382	1	A
Endosulfan II	ND		ug/kg	1.62	0.540	1	A
Endosulfan sulfate	ND		ug/kg	0.674	0.320	1	A
Methoxychlor	ND		ug/kg	3.03	0.943	1	A
Toxaphene	ND		ug/kg	30.3	8.49	1	A
cis-Chlordane	ND		ug/kg	2.02	0.563	1	A
trans-Chlordane	ND		ug/kg	2.02	0.533	1	A
Chlordane	ND		ug/kg	13.5	5.35	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 17:47
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:41
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.822	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.925	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.64	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.389	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.960	1	A
Toxaphene	ND		ug/kg	30.8	8.64	1	A
cis-Chlordane	ND		ug/kg	2.06	0.573	1	A
trans-Chlordane	ND		ug/kg	2.06	0.543	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 17:58
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:41
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.317	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.561	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 18:09
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 18:41
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.949	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.398	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.59	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/22/23 16:11
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/20/23 18:41
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/22/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG1829961-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.653	0.292	A
Alpha-BHC	ND		ug/kg	0.653	0.185	A
Beta-BHC	ND		ug/kg	1.57	0.594	A
Heptachlor	ND		ug/kg	0.783	0.351	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.881	A
Endrin	ND		ug/kg	0.653	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.685	A
Endrin ketone	ND		ug/kg	1.57	0.403	A
Dieldrin	ND		ug/kg	0.979	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.362	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.523	A
Endosulfan sulfate	ND		ug/kg	0.653	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.914	A
Toxaphene	ND		ug/kg	29.4	8.22	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.517	A
Chlordane	ND		ug/kg	13.0	5.19	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/22/23 16:11
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/20/23 18:41
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/22/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06 Batch: WG1829961-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	58		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1829961-2 WG1829961-3									
Delta-BHC	87		79		30-150	10		30	A
Lindane	74		68		30-150	8		30	A
Alpha-BHC	77		71		30-150	8		30	A
Beta-BHC	86		80		30-150	7		30	A
Heptachlor	72		67		30-150	7		30	A
Aldrin	74		68		30-150	8		30	A
Heptachlor epoxide	75		69		30-150	8		30	A
Endrin	80		75		30-150	6		30	A
Endrin aldehyde	72		70		30-150	3		30	A
Endrin ketone	86		81		30-150	6		30	A
Dieldrin	85		78		30-150	9		30	A
4,4'-DDE	81		75		30-150	8		30	A
4,4'-DDD	89		84		30-150	6		30	A
4,4'-DDT	80		74		30-150	8		30	A
Endosulfan I	78		73		30-150	7		30	A
Endosulfan II	84		80		30-150	5		30	A
Endosulfan sulfate	78		73		30-150	7		30	A
Methoxychlor	98		87		30-150	12		30	A
cis-Chlordane	75		69		30-150	8		30	A
trans-Chlordane	86		79		30-150	8		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1829961-2 WG1829961-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		58		30-150	A
Decachlorobiphenyl	92		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		60		30-150	B
Decachlorobiphenyl	79		61		30-150	B

METALS

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354975-01

Date Collected: 09/19/23 10:30

Client ID: RI-SB-11 (0.5-1)

Date Received: 09/19/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	22300		mg/kg	8.63	2.33	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.32	0.328	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.66		mg/kg	0.863	0.180	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Barium, Total	206		mg/kg	0.863	0.150	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.678		mg/kg	0.432	0.029	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.863	0.085	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Calcium, Total	13700		mg/kg	8.63	3.02	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Chromium, Total	44.8		mg/kg	0.863	0.083	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Cobalt, Total	16.4		mg/kg	1.73	0.143	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Copper, Total	24.7		mg/kg	0.863	0.223	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Iron, Total	32000		mg/kg	4.32	0.779	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Lead, Total	3.74	J	mg/kg	4.32	0.231	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Magnesium, Total	15100		mg/kg	8.63	1.33	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Manganese, Total	605		mg/kg	0.863	0.137	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/21/23 01:25	09/21/23 10:50	EPA 7471B	1,7471B	GMG
Nickel, Total	27.7		mg/kg	2.16	0.209	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Potassium, Total	12400		mg/kg	216	12.4	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Selenium, Total	0.269	J	mg/kg	1.73	0.223	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.432	0.244	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Sodium, Total	120	J	mg/kg	173	2.72	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Thallium, Total	2.12		mg/kg	1.73	0.272	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Vanadium, Total	63.2		mg/kg	0.863	0.175	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF
Zinc, Total	80.7		mg/kg	4.32	0.253	2	09/21/23 00:40	09/21/23 09:03	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354975-02

Date Collected: 09/19/23 10:35

Client ID: RI-SB-11 (7-7.5)

Date Received: 09/19/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	8.54	2.31	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.27	0.325	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.92		mg/kg	0.854	0.178	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Barium, Total	131		mg/kg	0.854	0.149	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.452		mg/kg	0.427	0.028	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.854	0.084	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Calcium, Total	8910		mg/kg	8.54	2.99	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Chromium, Total	17.7		mg/kg	0.854	0.082	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.27		mg/kg	1.71	0.142	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Copper, Total	13.6		mg/kg	0.854	0.220	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Iron, Total	15700		mg/kg	4.27	0.771	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Lead, Total	5.66		mg/kg	4.27	0.229	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Magnesium, Total	6410		mg/kg	8.54	1.32	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Manganese, Total	214		mg/kg	0.854	0.136	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.047	1	09/21/23 01:25	09/21/23 10:54	EPA 7471B	1,7471B	GMG
Nickel, Total	12.9		mg/kg	2.14	0.207	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Potassium, Total	4740		mg/kg	214	12.3	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Selenium, Total	0.345	J	mg/kg	1.71	0.220	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.427	0.242	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Sodium, Total	100	J	mg/kg	171	2.69	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Thallium, Total	1.47	J	mg/kg	1.71	0.269	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.7		mg/kg	0.854	0.173	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF
Zinc, Total	39.0		mg/kg	4.27	0.250	2	09/21/23 00:40	09/21/23 09:31	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354975-03

Date Collected: 09/19/23 11:10

Client ID: RI-SB-11 (10.5-11)

Date Received: 09/19/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12800		mg/kg	8.46	2.28	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.23	0.322	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.20		mg/kg	0.846	0.176	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Barium, Total	142		mg/kg	0.846	0.147	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.548		mg/kg	0.423	0.028	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.846	0.083	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Calcium, Total	11200		mg/kg	8.46	2.96	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Chromium, Total	23.2		mg/kg	0.846	0.081	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.93		mg/kg	1.69	0.140	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Copper, Total	18.0		mg/kg	0.846	0.218	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Iron, Total	19500		mg/kg	4.23	0.764	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Lead, Total	7.14		mg/kg	4.23	0.227	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	7970		mg/kg	8.46	1.30	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Manganese, Total	279		mg/kg	0.846	0.134	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.051	1	09/21/23 01:25	09/21/23 10:57	EPA 7471B	1,7471B	GMG
Nickel, Total	17.3		mg/kg	2.12	0.205	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Potassium, Total	6150		mg/kg	212	12.2	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Selenium, Total	0.344	J	mg/kg	1.69	0.218	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.423	0.239	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Sodium, Total	122	J	mg/kg	169	2.66	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Thallium, Total	1.70		mg/kg	1.69	0.266	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.8		mg/kg	0.846	0.172	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF
Zinc, Total	51.4		mg/kg	4.23	0.248	2	09/21/23 00:40	09/21/23 09:34	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354975-04

Date Collected: 09/19/23 11:15

Client ID: RI-SB-11 (17-17.5)

Date Received: 09/19/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9160		mg/kg	8.22	2.22	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.11	0.312	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.42		mg/kg	0.822	0.171	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Barium, Total	108		mg/kg	0.822	0.143	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.402	J	mg/kg	0.411	0.027	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.822	0.081	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Calcium, Total	6900		mg/kg	8.22	2.88	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Chromium, Total	16.6		mg/kg	0.822	0.079	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.02		mg/kg	1.64	0.136	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Copper, Total	12.7		mg/kg	0.822	0.212	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Iron, Total	14100		mg/kg	4.11	0.742	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Lead, Total	4.30		mg/kg	4.11	0.220	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Magnesium, Total	6800		mg/kg	8.22	1.26	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Manganese, Total	186		mg/kg	0.822	0.131	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/21/23 01:25	09/21/23 11:00	EPA 7471B	1,7471B	GMG
Nickel, Total	12.7		mg/kg	2.05	0.199	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Potassium, Total	4650		mg/kg	205	11.8	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Selenium, Total	0.247	J	mg/kg	1.64	0.212	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.411	0.232	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Sodium, Total	89.3	J	mg/kg	164	2.59	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Thallium, Total	1.28	J	mg/kg	1.64	0.259	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Vanadium, Total	22.8		mg/kg	0.822	0.167	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF
Zinc, Total	38.6		mg/kg	4.11	0.241	2	09/21/23 00:40	09/21/23 09:37	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354975-05

Date Collected: 09/19/23 11:20

Client ID: RI-SB-11 (23.5-24)

Date Received: 09/19/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14800		mg/kg	8.38	2.26	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.19	0.318	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.50		mg/kg	0.838	0.174	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Barium, Total	174		mg/kg	0.838	0.146	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.627		mg/kg	0.419	0.028	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.838	0.082	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Calcium, Total	9560		mg/kg	8.38	2.93	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Chromium, Total	27.6		mg/kg	0.838	0.080	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	12.6		mg/kg	1.68	0.139	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Copper, Total	19.6		mg/kg	0.838	0.216	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Iron, Total	22400		mg/kg	4.19	0.756	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Lead, Total	8.02		mg/kg	4.19	0.224	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	9590		mg/kg	8.38	1.29	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Manganese, Total	270		mg/kg	0.838	0.133	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.084	0.055	1	09/21/23 01:25	09/21/23 11:04	EPA 7471B	1,7471B	GMG
Nickel, Total	20.2		mg/kg	2.09	0.203	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Potassium, Total	7540		mg/kg	209	12.1	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Selenium, Total	0.281	J	mg/kg	1.68	0.216	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.419	0.237	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Sodium, Total	137	J	mg/kg	168	2.64	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Thallium, Total	2.25		mg/kg	1.68	0.264	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	37.2		mg/kg	0.838	0.170	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF
Zinc, Total	57.8		mg/kg	4.19	0.245	2	09/21/23 00:40	09/21/23 09:40	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2354975-06

Date Collected: 09/19/23 00:00

Client ID: DUP20230919

Date Received: 09/19/23

Sample Location: OSSINING, NY (136 CROTON AVE)

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14700		mg/kg	8.60	2.32	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.30	0.327	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.32		mg/kg	0.860	0.179	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Barium, Total	172		mg/kg	0.860	0.150	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.674		mg/kg	0.430	0.028	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.860	0.084	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Calcium, Total	8870		mg/kg	8.60	3.01	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Chromium, Total	32.3		mg/kg	0.860	0.083	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Cobalt, Total	29.7		mg/kg	1.72	0.143	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Copper, Total	31.9		mg/kg	0.860	0.222	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Iron, Total	23400		mg/kg	4.30	0.776	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Lead, Total	10.1		mg/kg	4.30	0.230	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Magnesium, Total	9480		mg/kg	8.60	1.32	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Manganese, Total	271		mg/kg	0.860	0.137	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.049	1	09/21/23 01:25	09/21/23 11:07	EPA 7471B	1,7471B	GMG
Nickel, Total	27.1		mg/kg	2.15	0.208	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Potassium, Total	7350		mg/kg	215	12.4	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Selenium, Total	0.294	J	mg/kg	1.72	0.222	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.430	0.243	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Sodium, Total	144	J	mg/kg	172	2.71	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Thallium, Total	2.41		mg/kg	1.72	0.271	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Vanadium, Total	40.6		mg/kg	0.860	0.174	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF
Zinc, Total	60.3		mg/kg	4.30	0.252	2	09/21/23 00:40	09/21/23 09:43	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1829737-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Antimony, Total	0.308	J	mg/kg	2.00	0.152	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Iron, Total	ND		mg/kg	2.00	0.361	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Sodium, Total	8.73	J	mg/kg	80.0	1.26	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1829738-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/21/23 01:25	09/21/23 10:17	1,7471B	GMG



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354975

Project Number: 12060 / PHASE 7

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829737-2 SRM Lot Number: D119-540								
Aluminum, Total	78		-		48-152	-		
Antimony, Total	170		-		10-190	-		
Arsenic, Total	106		-		83-117	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	98		-		82-117	-		
Calcium, Total	100		-		81-118	-		
Chromium, Total	105		-		82-119	-		
Cobalt, Total	104		-		83-117	-		
Copper, Total	99		-		84-116	-		
Iron, Total	103		-		60-140	-		
Lead, Total	104		-		82-118	-		
Magnesium, Total	98		-		76-124	-		
Manganese, Total	101		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Potassium, Total	94		-		70-130	-		
Selenium, Total	108		-		79-121	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	110		-		74-126	-		
Thallium, Total	101		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829737-2 SRM Lot Number: D119-540					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1829738-2 SRM Lot Number: D119-540					
Mercury, Total	106	-	73-127	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829737-3 QC Sample: L2353747-02 Client ID: MS Sample												
Aluminum, Total	1660	6790	9240	112		-	-		75-125	-		20
Antimony, Total	ND	1700	2180	128	Q	-	-		75-125	-		20
Arsenic, Total	ND	408	434	106		-	-		75-125	-		20
Barium, Total	184	6790	7360	106		-	-		75-125	-		20
Beryllium, Total	ND	170	183	108		-	-		75-125	-		20
Cadmium, Total	ND	180	186	103		-	-		75-125	-		20
Calcium, Total	7850	34000	42400	102		-	-		75-125	-		20
Chromium, Total	11.8J	679	730	107		-	-		75-125	-		20
Cobalt, Total	3.02J	1700	1810	106		-	-		75-125	-		20
Copper, Total	498	849	1420	108		-	-		75-125	-		20
Iron, Total	8800	3400	12400	106		-	-		75-125	-		20
Lead, Total	27.3J	1800	1860	103		-	-		75-125	-		20
Magnesium, Total	1920	34000	39500	111		-	-		75-125	-		20
Manganese, Total	1010	1700	2680	98		-	-		75-125	-		20
Nickel, Total	46.4	1700	1800	103		-	-		75-125	-		20
Potassium, Total	3690J	34000	42400	125		-	-		75-125	-		20
Selenium, Total	6.20J	408	461	113		-	-		75-125	-		20
Silver, Total	ND	170	180	106		-	-		75-125	-		20
Sodium, Total	8150	34000	46600	113		-	-		75-125	-		20
Thallium, Total	ND	408	405	99		-	-		75-125	-		20
Vanadium, Total	ND	1700	1780	105		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1829737-3		QC Sample: L2353747-02		Client ID: MS Sample			
Zinc, Total	1040	1700	3210	128	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1829738-3		QC Sample: L2353747-02		Client ID: MS Sample			
Mercury, Total	ND	69.7	67.3	96	-	-	80-120	-	20	

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2354975
Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829737-4 QC Sample: L2353747-02 Client ID: DUP Sample						
Aluminum, Total	1660	1730	mg/kg	4		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1829738-4 QC Sample: L2353747-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-01
Client ID: RI-SB-11 (0.5-1)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	09/20/23 13:26	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/23/23 10:00	09/25/23 13:14	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-02
Client ID: RI-SB-11 (7-7.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 10:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	09/20/23 13:26	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/23/23 10:00	09/25/23 13:15	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-03
Client ID: RI-SB-11 (10.5-11)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:10
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	09/20/23 13:26	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/23/23 10:00	09/25/23 13:16	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-04
Client ID: RI-SB-11 (17-17.5)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	09/20/23 13:26	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/23/23 10:00	09/25/23 13:17	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-05
Client ID: RI-SB-11 (23.5-24)
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 11:20
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	09/20/23 13:26	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/23/23 10:00	09/25/23 13:21	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2354975-06
Client ID: DUP20230919
Sample Location: OSSINING, NY (136 CROTON AVE)

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	09/20/23 13:26	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/23/23 10:00	09/25/23 13:22	1,9010C/9012B	JER



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1831047-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	09/23/23 10:00	09/25/23 13:02	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 7**Lab Number:** L2354975**Report Date:** 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1831047-2 WG1831047-3								
Cyanide, Total	90		92		80-120	2		35

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1831047-4 WG1831047-5 QC Sample: L2354789-01 Client ID: MS Sample												
Cyanide, Total	ND	12	12	100		13	110		75-125	10		35

Project Name: SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 7**Lab Duplicate Analysis***Batch Quality Control***Lab Number:** L2354975**Report Date:** 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1829796-1 QC Sample: L2354975-01 Client ID: RI-SB-11 (0.5-1)						
Solids, Total	89.4	89.4	%	0		20

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354975-01A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-01B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-01C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-01D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-01E	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2354975-01G	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354975-01H	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2354975-01X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-01Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-01Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-02A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-02B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-02C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-02D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-02E	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2354975-02G	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354975-02H	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354975-02X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-02Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-02Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-03A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-03B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-03C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-03D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-03E	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180)
L2354975-03G	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354975-03H	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354975-03X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-03Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-03Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-04A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-04B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-04C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-04D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-04E	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2354975-04G	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354975**Project Number:** 12060 / PHASE 7**Report Date:** 09/29/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354975-04H	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354975-04X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-04Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-04Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-05A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-05B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-05C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-05D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-05E	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CD-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180)
L2354975-05G	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(90)
L2354975-05H	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354975-05X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-05Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-05Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 12:53	NYTCL-8260HLW(14)
L2354975-06A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-06B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-06C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354975-06D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-06E	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354975-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2354975-06G	Plastic 8oz unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(90)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09292319:03
Lab Number: L2354975
Report Date: 09/29/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354975-06H	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2354975-06X	Vial MeOH preserved split	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2354975-06Y	Vial Water preserved split	NA	NA			Y	Absent	26-SEP-23 02:39	NYTCL-8260HLW(14)
L2354975-06Z	Vial Water preserved split	NA	NA			Y	Absent	26-SEP-23 02:39	NYTCL-8260HLW(14)
L2354975-07A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2354975-07B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09292319:03
Lab Number: L2354975
Report Date: 09/29/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Serial_No:09292319:03
Lab Number: L2354975
Report Date: 09/29/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 7

Lab Number: L2354975
Report Date: 09/29/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 20

Department: **Quality Assurance**

Published Date: 6/16/2023 4:52:28 PM

Title: **Certificate/Approval Program Summary**

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Page 164 of 164



ANALYTICAL REPORT

Lab Number:	L2355494
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY STATION
Project Number:	12060:7
Report Date:	10/04/23

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110), NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060:7

Lab Number: L2355494

Report Date: 10/04/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2355494-01	RI-SV-06	SOIL_VAPOR	136-140 CROTON AVE OSSINING, NY	09/21/23 13:00	09/21/23
L2355494-02	RI-SV-05	SOIL_VAPOR	136-140 CROTON AVE OSSINING, NY	09/21/23 13:30	09/21/23
L2355494-03	RI-AMB-01	AIR	136-140 CROTON AVE OSSINING, NY	09/21/23 10:48	09/21/23
L2355494-04	UNUSED CAN #599	AIR	136-140 CROTON AVE OSSINING, NY		09/21/23
L2355494-05	UNUSED CAN #2573	AIR	136-140 CROTON AVE OSSINING, NY		09/21/23
L2355494-06	UNUSED CAN #3323	AIR	136-140 CROTON AVE OSSINING, NY		09/21/23
L2355494-07	UNUSED CAN #3290	AIR	136-140 CROTON AVE OSSINING, NY		09/21/23

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060:7

Lab Number: L2355494
Report Date: 10/04/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060:7

Lab Number: L2355494
Report Date: 10/04/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 12, 2023. The canister certification results are provided as an addendum.

L2355494-01D: The internal standard (IS) response(s) for chlorobenzene-d5 was above the acceptance criteria; however, re-analysis achieved the following results: chlorobenzene-d5 (172%). However, since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

L2355494-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 10/04/23

AIR

Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2355494-01 D
 Client ID: RI-SV-06
 Sample Location: 136-140 CROTON AVE OSSINING, NY

Date Collected: 09/21/23 13:00
 Date Received: 09/21/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/04/23 08:00
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	142	10.0	--	337	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	14.9	5.00	--	45.2	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	10.5	2.00	--	32.7	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	308	5.00	--	908	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2355494-01 D

Date Collected: 09/21/23 13:00

Client ID: RI-SV-06

Date Received: 09/21/23

Sample Location: 136-140 CROTON AVE OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	2.68	2.00	--	9.45	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	3.73	2.00	--	11.9	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	217	2.00	--	1010	9.34	--		10
Heptane	12.7	2.00	--	52.0	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	4.36	2.00	--	16.4	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	15.0	2.00	--	65.2	8.69	--		10



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2355494-01 D

Date Collected: 09/21/23 13:00

Client ID: RI-SV-06

Date Received: 09/21/23

Sample Location: 136-140 CROTON AVE OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	4.75	4.00	--	20.6	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	2.74	2.00	--	11.9	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	47.0	2.00	--	231	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	120		60-140
chlorobenzene-d5	173	Q	60-140



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2355494-03

Client ID: RI-AMB-01

Sample Location: 136-140 CROTON AVE OSSINING, NY

Date Collected: 09/21/23 10:48

Date Received: 09/21/23

Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 10/03/23 17:16

Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.341	0.200	--	1.69	0.989	--		1
Chloromethane	0.528	0.200	--	1.09	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	16.3	5.00	--	30.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.74	1.00	--	13.6	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2355494-03

Date Collected: 09/21/23 10:48

Client ID: RI-AMB-01

Date Received: 09/21/23

Sample Location: 136-140 CROTON AVE OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.756	0.200	--	2.66	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.528	0.200	--	1.99	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.402	0.400	--	1.75	1.74	--		1



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23**SAMPLE RESULTS****Lab ID:** L2355494-03**Date Collected:** 09/21/23 10:48**Client ID:** RI-AMB-01**Date Received:** 09/21/23**Sample Location:** 136-140 CROTON AVE OSSINING, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	101		60-140



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/03/23 13:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03 Batch: WG1835111-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/03/23 13:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03 Batch: WG1835111-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/03/23 13:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03 Batch: WG1835111-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060:7

Lab Number: L2355494

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03 Batch: WG1835111-3								
Dichlorodifluoromethane	84		-		70-130	-		
Chloromethane	99		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	97		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Bromomethane	92		-		70-130	-		
Chloroethane	99		-		70-130	-		
Ethanol	105		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	101		-		40-160	-		
Trichlorofluoromethane	90		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	99		-		70-130	-		
Tertiary butyl Alcohol	91		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	83		-		70-130	-		
Freon-113	90		-		70-130	-		
trans-1,2-Dichloroethene	89		-		70-130	-		
1,1-Dichloroethane	93		-		70-130	-		
Methyl tert butyl ether	85		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060:7

Lab Number: L2355494

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03 Batch: WG1835111-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	90		-		70-130	-		
Tetrahydrofuran	95		-		70-130	-		
1,2-Dichloroethane	83		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	93		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	94		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	106		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	111		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	95		-		70-130	-		
2-Hexanone	103		-		70-130	-		
Dibromochloromethane	95		-		70-130	-		
1,2-Dibromoethane	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY STATION

Project Number: 12060:7

Lab Number: L2355494

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03 Batch: WG1835111-3								
Tetrachloroethene	90		-		70-130	-		
Chlorobenzene	93		-		70-130	-		
Ethylbenzene	96		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	92		-		70-130	-		
Styrene	91		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	97		-		70-130	-		
4-Ethyltoluene	88		-		70-130	-		
1,3,5-Trimethylbenzene	90		-		70-130	-		
1,2,4-Trimethylbenzene	94		-		70-130	-		
Benzyl chloride	98		-		70-130	-		
1,3-Dichlorobenzene	88		-		70-130	-		
1,4-Dichlorobenzene	90		-		70-130	-		
1,2-Dichlorobenzene	88		-		70-130	-		
1,2,4-Trichlorobenzene	86		-		70-130	-		
Hexachlorobutadiene	84		-		70-130	-		

Project Name: SUN VALLEY NURSERY STATION

Serial_No:10042316:30
Lab Number: L2355494

Project Number: 12060:7

Report Date: 10/04/23

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2355494-01	RI-SV-06	0138	Flow 2	09/12/23	436711		-	-	-	Pass	40.0	48	18
L2355494-01	RI-SV-06	3293	6.0L Can	09/12/23	436711	L2352178-04	Pass	-29.9	-4.6	-	-	-	-
L2355494-02	RI-SV-05	01039	Flow 2	09/12/23	436711		-	-	-	Pass	40.0	42	5
L2355494-02	RI-SV-05	2001	6.0L Can	09/12/23	436711	L2352178-04	Pass	-29.7	0.0	-	-	-	-
L2355494-03	RI-AMB-01	01798	Flow 2	09/12/23	436711		-	-	-	Pass	40.0	43	7
L2355494-03	RI-AMB-01	938	6.0L Can	09/21/23	438062	L2331110-08	Pass	-29.2	-5.6	-	-	-	-
L2355494-04	UNUSED CAN #599	02136	Flow 2	09/21/23	438062		-	-	-	Pass	40.0	41	2
L2355494-04	UNUSED CAN #599	599	6.0L Can	09/12/23	436711	L2351775-02	Pass	-29.9	-10.2	-	-	-	-
L2355494-05	UNUSED CAN #2573	0257	Flow 2	09/12/23	436711		-	-	-	Pass	40.0	0.0	200
L2355494-05	UNUSED CAN #2573	2573	6.0L Can	09/12/23	436711	L2351775-02	Pass	-29.9	-16.7	-	-	-	-
L2355494-06	UNUSED CAN #3323	01112	Flow 2	09/12/23	436711		-	-	-	Pass	40.0	41	2
L2355494-06	UNUSED CAN #3323	3323	6.0L Can	09/21/23	438062	L2316821-03	Pass	-30.1	-29.3	-	-	-	-
L2355494-07	UNUSED CAN #3290	0781	Flow 1	09/12/23	436711		-	-	-	Pass	40.0	47	16
L2355494-07	UNUSED CAN #3290	3290	6.0L Can	09/12/23	436711	L2352178-04	Pass	-29.9	-30.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2316821
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2316821-03
Client ID: CAN 630 SHELF 61
Sample Location:

Date Collected: 03/30/23 18:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/02/23 22:57
Analyst: NFL

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2316821
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2316821-03
Client ID: CAN 630 SHELF 61
Sample Location:

Date Collected: 03/30/23 18:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2316821
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2316821-03
Client ID: CAN 630 SHELF 61
Sample Location:

Date Collected: 03/30/23 18:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2316821
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2316821-03
Client ID: CAN 630 SHELF 61
Sample Location:

Date Collected: 03/30/23 18:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2316821**Project Number:** CANISTER QC BAT**Report Date:** 10/04/23**Air Canister Certification Results**

Lab ID: L2316821-03

Date Collected: 03/30/23 18:00

Client ID: CAN 630 SHELF 61

Date Received: 03/31/23

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2316821
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2316821-03
Client ID: CAN 630 SHELF 61
Sample Location:

Date Collected: 03/30/23 18:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/02/23 22:57
Analyst: NFL

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2316821
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2316821-03
Client ID: CAN 630 SHELF 61
Sample Location:

Date Collected: 03/30/23 18:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2316821**Project Number:** CANISTER QC BAT**Report Date:** 10/04/23**Air Canister Certification Results****Lab ID:** L2316821-03**Date Collected:** 03/30/23 18:00**Client ID:** CAN 630 SHELF 61**Date Received:** 03/31/23**Sample Location:****Field Prep:** Not Specified**Sample Depth:**

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2331110
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2331110-08
Client ID: CAN 3015 SHELF 42
Sample Location:

Date Collected: 06/05/23 09:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 06/06/23 19:47
Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2331110
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2331110-08
Client ID: CAN 3015 SHELF 42
Sample Location:

Date Collected: 06/05/23 09:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2331110
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2331110-08
Client ID: CAN 3015 SHELF 42
Sample Location:

Date Collected: 06/05/23 09:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2331110
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2331110-08
Client ID: CAN 3015 SHELF 42
Sample Location:

Date Collected: 06/05/23 09:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2331110**Project Number:** CANISTER QC BAT**Report Date:** 10/04/23**Air Canister Certification Results**

Lab ID: L2331110-08

Date Collected: 06/05/23 09:00

Client ID: CAN 3015 SHELF 42

Date Received: 06/05/23

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2331110
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2331110-08
Client ID: CAN 3015 SHELF 42
Sample Location:

Date Collected: 06/05/23 09:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 06/06/23 19:47
Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2331110
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2331110-08
Client ID: CAN 3015 SHELF 42
Sample Location:

Date Collected: 06/05/23 09:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2331110
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2331110-08
Client ID: CAN 3015 SHELF 42
Sample Location:

Date Collected: 06/05/23 09:00
Date Received: 06/05/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2351775
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2351775-02
Client ID: CAN 2961 SHELF 35
Sample Location:

Date Collected: 09/06/23 18:00
Date Received: 09/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 09/07/23 21:11
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2351775
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2351775-02
Client ID: CAN 2961 SHELF 35
Sample Location:

Date Collected: 09/06/23 18:00
Date Received: 09/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2351775
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2351775-02
Client ID: CAN 2961 SHELF 35
Sample Location:

Date Collected: 09/06/23 18:00
Date Received: 09/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2351775
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2351775-02
Client ID: CAN 2961 SHELF 35
Sample Location:

Date Collected: 09/06/23 18:00
Date Received: 09/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2351775**Project Number:** CANISTER QC BAT**Report Date:** 10/04/23**Air Canister Certification Results**

Lab ID: L2351775-02

Date Collected: 09/06/23 18:00

Client ID: CAN 2961 SHELF 35

Date Received: 09/07/23

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2351775
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2351775-02
Client ID: CAN 2961 SHELF 35
Sample Location:

Date Collected: 09/06/23 18:00
Date Received: 09/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 09/07/23 21:11
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2351775
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2351775-02
Client ID: CAN 2961 SHELF 35
Sample Location:

Date Collected: 09/06/23 18:00
Date Received: 09/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2351775
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2351775-02
Client ID: CAN 2961 SHELF 35
Sample Location:

Date Collected: 09/06/23 18:00
Date Received: 09/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	97		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2352178-04
Client ID: CAN 1651 SHELF 42
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 09/08/23 21:55
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2352178-04
Client ID: CAN 1651 SHELF 42
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2352178-04
Client ID: CAN 1651 SHELF 42
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2352178-04
Client ID: CAN 1651 SHELF 42
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2352178**Project Number:** CANISTER QC BAT**Report Date:** 10/04/23**Air Canister Certification Results**

Lab ID: L2352178-04

Date Collected: 09/07/23 18:00

Client ID: CAN 1651 SHELF 42

Date Received: 09/08/23

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Cyclotrisiloxane, Hexamethyl-	1.3	NJ	ppbV		1
Silanol, Trimethyl-	8.5	NJ	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2352178-04
Client ID: CAN 1651 SHELF 42
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 09/08/23 21:55
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2352178-04
Client ID: CAN 1651 SHELF 42
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/04/23

Air Canister Certification Results

Lab ID: L2352178-04
Client ID: CAN 1651 SHELF 42
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	100		60-140



Project Name: SUN VALLEY NURSERY STATION**Lab Number:** L2355494**Project Number:** 12060:7**Report Date:** 10/04/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355494-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2355494-02A	Canister - 6 Liter	NA	NA			Y	Absent		CANCELLED()
L2355494-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2355494-04A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2355494-05A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2355494-06A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()
L2355494-07A	Canister - 6 Liter	NA	NA			Y	Absent		CLEAN-FEE()

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060:7

Lab Number: L2355494
Report Date: 10/04/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060:7

Lab Number: L2355494
Report Date: 10/04/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060:7

Lab Number: L2355494
Report Date: 10/04/23

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SUN VALLEY NURSERY STATION
Project Number: 12060:7

Lab Number: L2355494
Report Date: 10/04/23

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 20

Department: **Quality Assurance**

Published Date: 6/16/2023 4:52:28 PM

Title: **Certificate/Approval Program Summary**

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

World Class Chemistry		Tel: 508-822-9300 Fax: 508-822-3288		Date Rec'd in Lab 9/22/23		ALPHA Job# L2355494															
Client Contact Information			Project Information			NJ DEP Information															
Company: SES I			Project Name: Sun Valley Nursery Station			Bureau: _____ Division: _____ Contract No: _____															
Address: 959 US-46E			Project No: 12060 : 7			Report Information - Data Deliverables: ☐ FAX: ☐ ADEx ☐ Criteria Checker: _____ ☐ EMail (standard pdf report)															
City/State/Zip: Parsippany NJ			Site/Location: 136-140 Croton Ave Ossining, NY																		
Phone: 973 808 9050			Project Manager: James Vander Vliet			Billing Information ☐ Same as Client Info PO #: _____															
FAX: _____			Analysis Turn-Around Time																		
Email: james.vanderliet@sesi.org			Standard (Specify) X																		
Site Contact: EQ			Rush (Specify)																		
Site Contact Phone: 973 808 9050																					
ALPHA LAB ID (Lab Use Only)	Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field (Hg) (Start)	Canister Pressure in Field (Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure (Hg) (Note 1)	Incoming Canister Pressure (Hg) (Note 2)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min) (Note 1)	Batch Cert ID (Note 1)	TO-15	EPA 3C	Indoor / Ambient Air	Soil Gas		
SS494-01	R1-SV-06	9/21/23	1111	1300	-30.35	-4.23					~~0138~~	~~3240~~	~~6L~~								
02	R1-SV-05		1145	1330	-30.05	-7.79					0138	3293	6L			X					
03	R1-AMB-01	↓	1029	1048	-29.46	-4.42					01039	2001	6L			X					
											01798	938	6L			X					
Custody Seals: Outgoing Seal No: _____ (refer to crate seal) Incoming Seal No: _____ (if applicable)			Temperature (Fahrenheit)				Individual Preparing Canister/Containers and Laboratory Canister Certification Name: _____ Signature: _____ Footnotes: (1) Refer to equipment tags for these readings. (2) Readings provided in data deliverable package.														
			Ambient	Maximum	Minimum																
			Start																		
			Stop																		
			Pressure (inches of Hg)																		
			Ambient	Maximum	Minimum																
			Start																		
			Stop																		
Special Instructions/QC Requirements & Comments:																					
Canisters Shipped by:			Date/Time:			Canisters Received by:			Date/Time:			Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until all ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.									
Samples Relinquished by:			Date/Time:			Received by:			Date/Time:												
Relinquished by:			Date/Time:			Received by:			Date/Time:												
Anthony Green			9/21/23 18:05			Anthony Green			SEP 21 2023 2100												
Age 57 of 574 - 06 April, 2013			9/22/23 0700						9/22/23 0700												



ANALYTICAL REPORT

Lab Number:	L2357903
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	12060 SUN VALLEY FILLINGSUP
Project Number:	12060:7
Report Date:	10/13/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357903-01	RI-MW-03	WATER	136 CROTON AVE, OSSINING NY	10/02/23 14:55	10/02/23
L2357903-02	DUP20231002	WATER	136 CROTON AVE, OSSINING NY	10/02/23 00:00	10/02/23
L2357903-03	FB20231002	WATER	136 CROTON AVE, OSSINING NY	10/02/23 14:40	10/02/23
L2357903-04	TB20231002	WATER	136 CROTON AVE, OSSINING NY	10/02/23 00:00	10/02/23

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Case Narrative

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

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

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

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

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

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

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Case Narrative (continued)

Report Submission

October 13, 2023: This final report includes the results of all requested analyses.

October 09, 2023: This is a preliminary report.

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

Sample Receipt

L2357903-01: The sample identified as "RI-MW-02" on the chain of custody was identified as "RI-MW-03" on the container label. At the client's request, the sample is reported as "RI-MW-03".

Semivolatile Organics

The WG1835728-2 LCS recovery, associated with L2357903-01 and -02, are below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Perfluorinated Alkyl Acids by Isotope Dilution

L2357903-01, -02, and -03: The sample was centrifuged and decanted prior to extraction due to sample matrix.

Pesticides

L2357903-03 The Field Blank has a result for 4,4'-DDT present above the reporting limit. Since the associated soil sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required.

The surrogate recoveries for the WG1835970-1 Method Blank, associated with L2357903-02, are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (22%/17%) and decachlorobiphenyl (15/18%). The associated samples is non-detect and has acceptable surrogate recoveries; therefore, no further actions were

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Case Narrative (continued)

taken.

Total Metals

L2357903-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2357903-01: The sample has an elevated detection limit for mercury due to the prep dilution required by the sample matrix.

L2357903-03: The Field Blank has a result for sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

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

Authorized Signature: *Tiffani Morrissey* - Tiffani Morrissey

Title: Technical Director/Representative

Date: 10/13/23

ORGANICS

VOLATILES

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01 D
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/08/23 10:25
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	14.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
1,3-Dichloropropene, Total	ND		ug/l	50	14.	100
1,1-Dichloropropene	ND		ug/l	250	70.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	17.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	ND		ug/l	100	7.1	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	17.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01 D
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
Xylenes, Total	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	ND		ug/l	250	70.	100
1,2-Dichloroethene, Total	ND		ug/l	250	70.	100
Dibromomethane	ND		ug/l	500	100	100
1,2,3-Trichloropropane	ND		ug/l	250	70.	100
Acrylonitrile	ND		ug/l	500	150	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	2300		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	13000		ug/l	500	190	100
Vinyl acetate	ND		ug/l	500	100	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
2,2-Dichloropropane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,3-Dichloropropane	ND		ug/l	250	70.	100
1,1,1,2-Tetrachloroethane	ND		ug/l	250	70.	100
Bromobenzene	ND		ug/l	250	70.	100
n-Butylbenzene	ND		ug/l	250	70.	100
sec-Butylbenzene	ND		ug/l	250	70.	100
tert-Butylbenzene	ND		ug/l	250	70.	100
o-Chlorotoluene	ND		ug/l	250	70.	100
p-Chlorotoluene	ND		ug/l	250	70.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Hexachlorobutadiene	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
p-Isopropyltoluene	ND		ug/l	250	70.	100
Naphthalene	ND		ug/l	250	70.	100

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01 D
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
1,3,5-Trimethylbenzene	ND		ug/l	250	70.	100
1,2,4-Trimethylbenzene	ND		ug/l	250	70.	100
1,4-Dioxane	ND		ug/l	25000	6100	100
p-Diethylbenzene	ND		ug/l	200	70.	100
p-Ethyltoluene	ND		ug/l	200	70.	100
1,2,4,5-Tetramethylbenzene	ND		ug/l	200	54.	100
Ethyl ether	ND		ug/l	250	70.	100
trans-1,4-Dichloro-2-butene	ND		ug/l	250	70.	100

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02 D
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/08/23 10:50
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	500	140	200
1,1-Dichloroethane	ND		ug/l	500	140	200
Chloroform	ND		ug/l	500	140	200
Carbon tetrachloride	ND		ug/l	100	27.	200
1,2-Dichloropropane	ND		ug/l	200	27.	200
Dibromochloromethane	ND		ug/l	100	30.	200
1,1,2-Trichloroethane	ND		ug/l	300	100	200
Tetrachloroethene	ND		ug/l	100	36.	200
Chlorobenzene	ND		ug/l	500	140	200
Trichlorofluoromethane	ND		ug/l	500	140	200
1,2-Dichloroethane	ND		ug/l	100	26.	200
1,1,1-Trichloroethane	ND		ug/l	500	140	200
Bromodichloromethane	ND		ug/l	100	38.	200
trans-1,3-Dichloropropene	ND		ug/l	100	33.	200
cis-1,3-Dichloropropene	ND		ug/l	100	29.	200
1,3-Dichloropropene, Total	ND		ug/l	100	29.	200
1,1-Dichloropropene	ND		ug/l	500	140	200
Bromoform	ND		ug/l	400	130	200
1,1,2,2-Tetrachloroethane	ND		ug/l	100	33.	200
Benzene	ND		ug/l	100	32.	200
Toluene	ND		ug/l	500	140	200
Ethylbenzene	ND		ug/l	500	140	200
Chloromethane	ND		ug/l	500	140	200
Bromomethane	ND		ug/l	500	140	200
Vinyl chloride	ND		ug/l	200	14.	200
Chloroethane	ND		ug/l	500	140	200
1,1-Dichloroethene	ND		ug/l	100	34.	200
trans-1,2-Dichloroethene	ND		ug/l	500	140	200

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02 D
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	100	35.	200
1,2-Dichlorobenzene	ND		ug/l	500	140	200
1,3-Dichlorobenzene	ND		ug/l	500	140	200
1,4-Dichlorobenzene	ND		ug/l	500	140	200
Methyl tert butyl ether	ND		ug/l	500	140	200
p/m-Xylene	ND		ug/l	500	140	200
o-Xylene	ND		ug/l	500	140	200
Xylenes, Total	ND		ug/l	500	140	200
cis-1,2-Dichloroethene	ND		ug/l	500	140	200
1,2-Dichloroethene, Total	ND		ug/l	500	140	200
Dibromomethane	ND		ug/l	1000	200	200
1,2,3-Trichloropropane	ND		ug/l	500	140	200
Acrylonitrile	ND		ug/l	1000	300	200
Styrene	ND		ug/l	500	140	200
Dichlorodifluoromethane	ND		ug/l	1000	200	200
Acetone	2800		ug/l	1000	290	200
Carbon disulfide	ND		ug/l	1000	200	200
2-Butanone	15000		ug/l	1000	390	200
Vinyl acetate	ND		ug/l	1000	200	200
4-Methyl-2-pentanone	ND		ug/l	1000	200	200
2-Hexanone	ND		ug/l	1000	200	200
Bromochloromethane	ND		ug/l	500	140	200
2,2-Dichloropropane	ND		ug/l	500	140	200
1,2-Dibromoethane	ND		ug/l	400	130	200
1,3-Dichloropropane	ND		ug/l	500	140	200
1,1,1,2-Tetrachloroethane	ND		ug/l	500	140	200
Bromobenzene	ND		ug/l	500	140	200
n-Butylbenzene	ND		ug/l	500	140	200
sec-Butylbenzene	ND		ug/l	500	140	200
tert-Butylbenzene	ND		ug/l	500	140	200
o-Chlorotoluene	ND		ug/l	500	140	200
p-Chlorotoluene	ND		ug/l	500	140	200
1,2-Dibromo-3-chloropropane	ND		ug/l	500	140	200
Hexachlorobutadiene	ND		ug/l	500	140	200
Isopropylbenzene	ND		ug/l	500	140	200
p-Isopropyltoluene	ND		ug/l	500	140	200
Naphthalene	ND		ug/l	500	140	200

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02 D
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	500	140	200
1,2,3-Trichlorobenzene	ND		ug/l	500	140	200
1,2,4-Trichlorobenzene	ND		ug/l	500	140	200
1,3,5-Trimethylbenzene	ND		ug/l	500	140	200
1,2,4-Trimethylbenzene	ND		ug/l	500	140	200
1,4-Dioxane	ND		ug/l	50000	12000	200
p-Diethylbenzene	ND		ug/l	400	140	200
p-Ethyltoluene	ND		ug/l	400	140	200
1,2,4,5-Tetramethylbenzene	ND		ug/l	400	110	200
Ethyl ether	ND		ug/l	500	140	200
trans-1,4-Dichloro-2-butene	ND		ug/l	500	140	200

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03
 Client ID: FB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:40
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/08/23 07:31
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-03**Date Collected:** 10/02/23 14:40**Client ID:** FB20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-03**Date Collected:** 10/02/23 14:40**Client ID:** FB20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-04
 Client ID: TB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 10/08/23 07:56
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-04**Date Collected:** 10/02/23 00:00**Client ID:** TB20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-04**Date Collected:** 10/02/23 00:00**Client ID:** TB20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	102		70-130

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 10/08/23 07:06
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1837167-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/08/23 07:06
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1837167-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 10/08/23 07:06
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1837167-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/08/23 07:06
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1837167-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1837167-3 WG1837167-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	95		94		63-132	1		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	92		94		63-130	2		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	85		88		54-136	3		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	76		78		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1837167-3 WG1837167-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		92		61-145	8		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	98		100		70-130	2		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	99		110		70-130	11		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	96		91		36-147	5		20
Acetone	91		120		58-148	27	Q	20
Carbon disulfide	100		97		51-130	3		20
2-Butanone	98		100		63-138	2		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	94		100		59-130	6		20
2-Hexanone	96		110		57-130	14		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1837167-3 WG1837167-4								
Bromochloromethane	99		100		70-130	1		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	100		99		64-130	1		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	79		83		41-144	5		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	91		97		70-130	6		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	95		96		70-130	1		20
1,2,4-Trichlorobenzene	98		100		70-130	2		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	94		98		56-162	4		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1837167-3 WG1837167-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	110		120		59-134	9		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		101		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	99		97		70-130
Dibromofluoromethane	99		99		70-130

SEMIVOLATILES

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 10/06/23 13:35
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	41.		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-01**Date Collected:** 10/02/23 14:55**Client ID:** RI-MW-03**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.2	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	1.0	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	25.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	1230	J	ug/l	1
Unknown Organic Acid	41.9	J	ug/l	1
Unknown	25.6	J	ug/l	1
Unknown	14.9	J	ug/l	1
Unknown	68.4	J	ug/l	1
Unknown	17.3	J	ug/l	1
Unknown	128	J	ug/l	1
Unknown Ketone	780	J	ug/l	1
Unknown Organic Acid	44.3	J	ug/l	1
Unknown	113	J	ug/l	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-01**Date Collected:** 10/02/23 14:55**Client ID:** RI-MW-03**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	38		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	61		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 10/06/23 10:41
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.21		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.33		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.10		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.09	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.17		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Chrysene	0.12		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.10	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.13		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.08	J	ug/l	0.10	0.01	1
Pyrene	0.20		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.37		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-01**Date Collected:** 10/02/23 14:55**Client ID:** RI-MW-03**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	59		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 10/10/23 16:53
 Analyst: TPR

Extraction Method: EPA 3510C
 Extraction Date: 10/09/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	170	38.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	45			15-110		

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/12/23 07:03
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.54		ng/l	1.90	0.388	1
Perfluoropentanoic Acid (PFPeA)	3.32		ng/l	1.90	0.377	1
Perfluorobutanesulfonic Acid (PFBS)	0.632	J	ng/l	1.90	0.227	1
Perfluorohexanoic Acid (PFHxA)	1.53	J	ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	0.663	J	ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	1.22	J	ng/l	1.90	0.358	1
Perfluorooctanoic Acid (PFOA)	1.58	J	ng/l	1.90	0.225	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.655	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.90	0.297	1
Perfluorooctanesulfonic Acid (PFOS)	1.15	JF	ng/l	1.90	0.480	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.90	0.289	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.90	0.617	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.248	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.933	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.552	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.766	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.354	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.312	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.236	1
PFOA/PFOS, Total	2.73	J	ng/l	1.90	0.225	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-01**Date Collected:** 10/02/23 14:55**Client ID:** RI-MW-03**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	136		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	80		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	145		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	40		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 10/05/23 23:22
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.1	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	1.8	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	72.		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	29.0	J	ug/l	1
Unknown	14.5	J	ug/l	1
Unknown Ketone	14.5	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	81		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 10/06/23 10:57
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.35		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.29		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02

Date Collected: 10/02/23 00:00

Client ID: DUP20231002

Date Received: 10/02/23

Sample Location: 136 CROTON AVE, OSSINING NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	143	Q	10-120
4-Terphenyl-d14	86		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 10/10/23 17:17
 Analyst: TPR

Extraction Method: EPA 3510C
 Extraction Date: 10/09/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	178	40.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	42			15-110		

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/12/23 07:19
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.27		ng/l	1.85	0.378	1
Perfluoropentanoic Acid (PFPeA)	3.37		ng/l	1.85	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	0.837	J	ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	1.85		ng/l	1.85	0.304	1
Perfluoroheptanoic Acid (PFHpA)	0.863	JF	ng/l	1.85	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	1.38	J	ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	2.08	F	ng/l	1.85	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.637	1
Perfluorononanoic Acid (PFNA)	0.393	JF	ng/l	1.85	0.289	1
Perfluorooctanesulfonic Acid (PFOS)	1.28	JF	ng/l	1.85	0.467	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.282	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.600	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.908	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.537	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.745	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.344	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.303	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.230	1
PFOA/PFOS, Total	3.36	J	ng/l	1.85	0.218	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-02**Date Collected:** 10/02/23 00:00**Client ID:** DUP20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	74		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	22		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		22-136

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03
 Client ID: FB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:40
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 10/05/23 23:46
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 10/04/23 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-03**Date Collected:** 10/02/23 14:40**Client ID:** FB20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	35.0	J	ug/l	1
Unknown	1.71	J	ug/l	1
Unknown	3.53	J	ug/l	1
Unknown Amide	2.91	J	ug/l	1
Unknown Organic Acid	8.69	J	ug/l	1
Unknown	2.18	J	ug/l	1
Unknown	1.53	J	ug/l	1
Unknown	1.64	J	ug/l	1
Unknown Organic Acid	12.8	J	ug/l	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03

Date Collected: 10/02/23 14:40

Client ID: FB20231002

Date Received: 10/02/23

Sample Location: 136 CROTON AVE, OSSINING NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	89		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03
 Client ID: FB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:40
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 10/06/23 11:14
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 10/04/23 19:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03

Date Collected: 10/02/23 14:40

Client ID: FB20231002

Date Received: 10/02/23

Sample Location: 136 CROTON AVE, OSSINING NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	131	Q	10-120
4-Terphenyl-d14	100		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03
 Client ID: FB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:40
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 10/10/23 17:42
 Analyst: TPR

Extraction Method: EPA 3510C
 Extraction Date: 10/09/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	37			15-110		

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03
 Client ID: FB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:40
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/12/23 07:36
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.83	0.373	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.83	0.362	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.629	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.83	0.285	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.83	0.461	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.593	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.896	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.530	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.735	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.340	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.299	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	ND		ng/l	1.83	0.216	1

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-03**Date Collected:** 10/02/23 14:40**Client ID:** FB20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	116		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	36		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		22-136

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 10/05/23 00:01
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1835439-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/23 00:01
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1835439-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/23 00:01
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1835439-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	9.70	J	ug/l
Unknown	3.05	J	ug/l
Unknown	3.89	J	ug/l
Unknown Organic Acid	2.76	J	ug/l

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/23 00:01
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1835439-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	61		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/04/23 16:48
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/04/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1835440-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.02	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 10/04/23 16:48
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 10/04/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1835440-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	63		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/23 19:27
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1835728-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/23 19:27
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1835728-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/23 19:27
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1835728-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	3.49	J	ug/l
Unknown Organic Acid	1.82	J	ug/l
Unknown	1.67	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	86		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/23 10:24
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 00:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1835730-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/23 10:24
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 00:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1835730-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	114		10-120
4-Terphenyl-d14	91		41-149

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/10/23 13:35
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/09/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-03 Batch: WG1837506-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 02:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1837999-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 02:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1837999-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	122		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	93		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	90		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1835439-2 WG1835439-3								
Acenaphthene	55		68		37-111	21		30
1,2,4-Trichlorobenzene	59		63		39-98	7		30
Hexachlorobenzene	53		64		40-140	19		30
Bis(2-chloroethyl)ether	62		67		40-140	8		30
2-Chloronaphthalene	53		66		40-140	22		30
1,2-Dichlorobenzene	54		66		40-140	20		30
1,3-Dichlorobenzene	60		69		40-140	14		30
1,4-Dichlorobenzene	55		65		36-97	17		30
3,3'-Dichlorobenzidine	55		68		40-140	21		30
2,4-Dinitrotoluene	55		64		48-143	15		30
2,6-Dinitrotoluene	50		63		40-140	23		30
Fluoranthene	60		72		40-140	18		30
4-Chlorophenyl phenyl ether	53		64		40-140	19		30
4-Bromophenyl phenyl ether	52		65		40-140	22		30
Bis(2-chloroisopropyl)ether	60		67		40-140	11		30
Bis(2-chloroethoxy)methane	59		64		40-140	8		30
Hexachlorobutadiene	55		67		40-140	20		30
Hexachlorocyclopentadiene	46		63		40-140	31	Q	30
Hexachloroethane	62		71		40-140	14		30
Isophorone	54		64		40-140	17		30
Naphthalene	55		67		40-140	20		30
Nitrobenzene	56		70		40-140	22		30
NDPA/DPA	50		68		40-140	31	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1835439-2 WG1835439-3								
n-Nitrosodi-n-propylamine	60		64		29-132	6		30
Bis(2-ethylhexyl)phthalate	60		70		40-140	15		30
Butyl benzyl phthalate	63		71		40-140	12		30
Di-n-butylphthalate	63		69		40-140	9		30
Di-n-octylphthalate	56		65		40-140	15		30
Diethyl phthalate	59		69		40-140	16		30
Dimethyl phthalate	53		62		40-140	16		30
Benzo(a)anthracene	62		70		40-140	12		30
Benzo(a)pyrene	72		86		40-140	18		30
Benzo(b)fluoranthene	63		78		40-140	21		30
Benzo(k)fluoranthene	68		74		40-140	8		30
Chrysene	65		76		40-140	16		30
Acenaphthylene	54		65		45-123	18		30
Anthracene	62		77		40-140	22		30
Benzo(ghi)perylene	64		74		40-140	14		30
Fluorene	57		70		40-140	20		30
Phenanthrene	62		72		40-140	15		30
Dibenzo(a,h)anthracene	66		71		40-140	7		30
Indeno(1,2,3-cd)pyrene	60		70		40-140	15		30
Pyrene	63		72		26-127	13		30
Biphenyl	55		67		40-140	20		30
4-Chloroaniline	63		70		40-140	11		30
2-Nitroaniline	55		66		52-143	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1835439-2 WG1835439-3								
3-Nitroaniline	54		68		25-145	23		30
4-Nitroaniline	58		69		51-143	17		30
Dibenzofuran	58		72		40-140	22		30
2-Methylnaphthalene	53		68		40-140	25		30
1,2,4,5-Tetrachlorobenzene	53		66		2-134	22		30
Acetophenone	64		70		39-129	9		30
2,4,6-Trichlorophenol	58		65		30-130	11		30
p-Chloro-m-cresol	57		74		23-97	26		30
2-Chlorophenol	62		69		27-123	11		30
2,4-Dichlorophenol	61		68		30-130	11		30
2,4-Dimethylphenol	61		60		30-130	2		30
2-Nitrophenol	52		71		30-130	31	Q	30
4-Nitrophenol	59		69		10-80	16		30
2,4-Dinitrophenol	81		94		20-130	15		30
4,6-Dinitro-o-cresol	52		61		20-164	16		30
Pentachlorophenol	74		86		9-103	15		30
Phenol	47		53		12-110	12		30
2-Methylphenol	58		67		30-130	14		30
3-Methylphenol/4-Methylphenol	63		72		30-130	13		30
2,4,5-Trichlorophenol	60		68		30-130	13		30
Benzoic Acid	51		67		10-164	27		30
Benzyl Alcohol	59		62		26-116	5		30
Carbazole	64		78		55-144	20		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1835439-2 WG1835439-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		63		21-120
Phenol-d6	47		58		10-120
Nitrobenzene-d5	58		62		23-120
2-Fluorobiphenyl	54		65		15-120
2,4,6-Tribromophenol	59		71		10-120
4-Terphenyl-d14	56		66		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1835440-2 WG1835440-3								
Acenaphthene	62		78		40-140	23		40
2-Chloronaphthalene	62		72		40-140	15		40
Fluoranthene	62		78		40-140	23		40
Hexachlorobutadiene	63		80		40-140	24		40
Naphthalene	58		74		40-140	24		40
Benzo(a)anthracene	69		79		40-140	14		40
Benzo(a)pyrene	75		92		40-140	20		40
Benzo(b)fluoranthene	73		85		40-140	15		40
Benzo(k)fluoranthene	74		93		40-140	23		40
Chrysene	69		84		40-140	20		40
Acenaphthylene	62		72		40-140	15		40
Anthracene	66		83		40-140	23		40
Benzo(ghi)perylene	79		94		40-140	17		40
Fluorene	60		76		40-140	24		40
Phenanthrene	66		81		40-140	20		40
Dibenzo(a,h)anthracene	81		99		40-140	20		40
Indeno(1,2,3-cd)pyrene	71		86		40-140	19		40
Pyrene	68		77		40-140	12		40
2-Methylnaphthalene	59		75		40-140	24		40
Pentachlorophenol	67		84		40-140	23		40
Hexachlorobenzene	78		94		40-140	19		40
Hexachloroethane	56		72		40-140	25		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1835440-2 WG1835440-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		67		21-120
Phenol-d6	46		58		10-120
Nitrobenzene-d5	62		80		23-120
2-Fluorobiphenyl	60		72		15-120
2,4,6-Tribromophenol	82		107		10-120
4-Terphenyl-d14	59		64		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1835728-2 WG1835728-3								
Acenaphthene	63		75		37-111	17		30
1,2,4-Trichlorobenzene	71		78		39-98	9		30
Hexachlorobenzene	65		82		40-140	23		30
Bis(2-chloroethyl)ether	62		73		40-140	16		30
2-Chloronaphthalene	68		83		40-140	20		30
1,2-Dichlorobenzene	66		74		40-140	11		30
1,3-Dichlorobenzene	64		72		40-140	12		30
1,4-Dichlorobenzene	65		75		36-97	14		30
3,3'-Dichlorobenzidine	74		93		40-140	23		30
2,4-Dinitrotoluene	77		98		48-143	24		30
2,6-Dinitrotoluene	73		97		40-140	28		30
Fluoranthene	68		86		40-140	23		30
4-Chlorophenyl phenyl ether	68		81		40-140	17		30
4-Bromophenyl phenyl ether	67		87		40-140	26		30
Bis(2-chloroisopropyl)ether	57		65		40-140	13		30
Bis(2-chloroethoxy)methane	65		76		40-140	16		30
Hexachlorobutadiene	66		77		40-140	15		30
Hexachlorocyclopentadiene	70		83		40-140	17		30
Hexachloroethane	63		72		40-140	13		30
Isophorone	64		75		40-140	16		30
Naphthalene	66		80		40-140	19		30
Nitrobenzene	68		81		40-140	17		30
NDPA/DPA	67		86		40-140	25		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1835728-2 WG1835728-3								
n-Nitrosodi-n-propylamine	63		76		29-132	19		30
Bis(2-ethylhexyl)phthalate	75		95		40-140	24		30
Butyl benzyl phthalate	69		94		40-140	31	Q	30
Di-n-butylphthalate	68		89		40-140	27		30
Di-n-octylphthalate	73		95		40-140	26		30
Diethyl phthalate	68		88		40-140	26		30
Dimethyl phthalate	69		89		40-140	25		30
Benzo(a)anthracene	72		87		40-140	19		30
Benzo(a)pyrene	79		95		40-140	18		30
Benzo(b)fluoranthene	76		90		40-140	17		30
Benzo(k)fluoranthene	72		86		40-140	18		30
Chrysene	76		87		40-140	13		30
Acenaphthylene	68		83		45-123	20		30
Anthracene	70		83		40-140	17		30
Benzo(ghi)perylene	80		90		40-140	12		30
Fluorene	69		83		40-140	18		30
Phenanthrene	69		82		40-140	17		30
Dibenzo(a,h)anthracene	76		89		40-140	16		30
Indeno(1,2,3-cd)pyrene	83		87		40-140	5		30
Pyrene	68		84		26-127	21		30
Biphenyl	64		81		40-140	23		30
4-Chloroaniline	54		71		40-140	27		30
2-Nitroaniline	76		96		52-143	23		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1835728-2 WG1835728-3								
3-Nitroaniline	67		89		25-145	28		30
4-Nitroaniline	74		91		51-143	21		30
Dibenzofuran	68		82		40-140	19		30
2-Methylnaphthalene	68		83		40-140	20		30
1,2,4,5-Tetrachlorobenzene	64		76		2-134	17		30
Acetophenone	65		78		39-129	18		30
2,4,6-Trichlorophenol	72		91		30-130	23		30
p-Chloro-m-cresol	66		87		23-97	27		30
2-Chlorophenol	63		74		27-123	16		30
2,4-Dichlorophenol	71		84		30-130	17		30
2,4-Dimethylphenol	64		76		30-130	17		30
2-Nitrophenol	86		95		30-130	10		30
4-Nitrophenol	56		73		10-80	26		30
2,4-Dinitrophenol	55		72		20-130	27		30
4,6-Dinitro-o-cresol	89		112		20-164	23		30
Pentachlorophenol	49		75		9-103	42	Q	30
Phenol	43		48		12-110	11		30
2-Methylphenol	58		70		30-130	19		30
3-Methylphenol/4-Methylphenol	64		77		30-130	18		30
2,4,5-Trichlorophenol	72		91		30-130	23		30
Benzoic Acid	0	Q	46		10-164	NC		30
Benzyl Alcohol	58		72		26-116	22		30
Carbazole	68		85		55-144	22		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1835728-2 WG1835728-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		64		21-120
Phenol-d6	43		50		10-120
Nitrobenzene-d5	74		83		23-120
2-Fluorobiphenyl	70		83		15-120
2,4,6-Tribromophenol	77		97		10-120
4-Terphenyl-d14	71		89		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1835730-2 WG1835730-3								
Acenaphthene	76		85		40-140	11		40
2-Chloronaphthalene	74		85		40-140	14		40
Fluoranthene	81		96		40-140	17		40
Hexachlorobutadiene	73		84		40-140	14		40
Naphthalene	74		85		40-140	14		40
Benzo(a)anthracene	81		93		40-140	14		40
Benzo(a)pyrene	95		106		40-140	11		40
Benzo(b)fluoranthene	96		108		40-140	12		40
Benzo(k)fluoranthene	90		105		40-140	15		40
Chrysene	88		95		40-140	8		40
Acenaphthylene	75		88		40-140	16		40
Anthracene	86		102		40-140	17		40
Benzo(ghi)perylene	94		107		40-140	13		40
Fluorene	76		88		40-140	15		40
Phenanthrene	83		92		40-140	10		40
Dibenzo(a,h)anthracene	99		117		40-140	17		40
Indeno(1,2,3-cd)pyrene	84		100		40-140	17		40
Pyrene	84		102		40-140	19		40
2-Methylnaphthalene	73		84		40-140	14		40
Pentachlorophenol	59		86		40-140	37		40
Hexachlorobenzene	91		101		40-140	10		40
Hexachloroethane	69		81		40-140	16		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1835730-2 WG1835730-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		70		21-120
Phenol-d6	50		57		10-120
Nitrobenzene-d5	85		97		23-120
2-Fluorobiphenyl	73		85		15-120
2,4,6-Tribromophenol	113		134	Q	10-120
4-Terphenyl-d14	72		91		41-149

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG1837506-2 WG1837506-3								
1,4-Dioxane	114		116		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	41		41		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1837999-2								
Perfluorobutanoic Acid (PFBA)	113		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	108		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	114		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	109		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	101		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	87		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	93		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	122		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	104		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1837999-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	83				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81				22-136

Matrix Spike Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Project Number: 12060:7

Lab Number: L2357903

Report Date: 10/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1837999-3 QC Sample: L2357078-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	26.6	38.8	69.6	111	-	-	-	-	67-148	-	-	30
Perfluoropentanoic Acid (PFPeA)	9.74	38.8	51.1	107	-	-	-	-	63-161	-	-	30
Perfluorobutanesulfonic Acid (PFBS)	1.22J	34.4	38.9	109	-	-	-	-	65-157	-	-	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	36.4	35.9	99	-	-	-	-	37-219	-	-	30
Perfluorohexanoic Acid (PFHxA)	1.32J	38.8	42.8	107	-	-	-	-	69-168	-	-	30
Perfluoropentanesulfonic Acid (PFPeS)	ND	36.5	40.6	111	-	-	-	-	52-156	-	-	30
Perfluoroheptanoic Acid (PFHpA)	ND	38.8	41.2	106	-	-	-	-	58-159	-	-	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	35.5	39.1	110	-	-	-	-	69-177	-	-	30
Perfluorooctanoic Acid (PFOA)	ND	38.8	42.4	109	-	-	-	-	63-159	-	-	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.9	37.4	101	-	-	-	-	49-187	-	-	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37	41.9	113	-	-	-	-	61-179	-	-	30
Perfluorononanoic Acid (PFNA)	ND	38.8	43.4	112	-	-	-	-	68-171	-	-	30
Perfluorooctanesulfonic Acid (PFOS)	ND	36	36.2	101	-	-	-	-	52-151	-	-	30
Perfluorodecanoic Acid (PFDA)	ND	38.8	40.3	104	-	-	-	-	63-171	-	-	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.2	53.5	144	-	-	-	-	56-173	-	-	30
Perfluorononanesulfonic Acid (PFNS)	ND	37.3	32.3	86	-	-	-	-	48-150	-	-	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.8	39.9	103	-	-	-	-	60-166	-	-	30
Perfluoroundecanoic Acid (PFUnA)	ND	38.8	39.3	101	-	-	-	-	60-153	-	-	30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.5	38.4	102	-	-	-	-	38-156	-	-	30
Perfluorooctanesulfonamide (FOSA)	ND	38.8	40.8F	105	-	-	-	-	46-170	-	-	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.8	34.7	89	-	-	-	-	45-170	-	-	30
Perfluorododecanoic Acid (PFDoA)	ND	38.8	36.4	94	-	-	-	-	67-153	-	-	30

Matrix Spike Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1837999-3 QC Sample: L2357078-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38.8	44.8	115		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.8	45.9	118		-	-		59-182	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	83				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	80				12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	88				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107				70-131

Lab Duplicate Analysis Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Project Number: 12060:7

Lab Number: L2357903

Report Date: 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	6.19	6.91	ng/l	11		30
Perfluoropentanoic Acid (PFPeA)	6.05	6.32	ng/l	4		30
Perfluorobutanesulfonic Acid (PFBS)	1.40J	1.69J	ng/l	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	6.28	7.44	ng/l	17		30
Perfluoropentanesulfonic Acid (PFPeS)	0.582J	0.633J	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	1.50J	1.78J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	4.73	5.30	ng/l	11		30
Perfluorooctanoic Acid (PFOA)	2.62	3.08	ng/l	16		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	26.3	29.2	ng/l	10		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	2.33	2.82	ng/l	19		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Project Number: 12060:7

Lab Number: L2357903

Report Date: 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		83		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		98		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	121		110		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140		125		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		77		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		79		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		77		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	146		127		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87		77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		84		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		27		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95		87		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		70		48-131

Lab Duplicate Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Project Number: 12060:7

Lab Number: L2357903

Report Date: 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: DUP Sample						

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		69		22-136

PCBS

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 10/07/23 11:33
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 16:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/06/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.071	1	A
Aroclor 1221	ND		ug/l	0.083	0.071	1	A
Aroclor 1232	ND		ug/l	0.083	0.071	1	A
Aroclor 1242	ND		ug/l	0.083	0.071	1	A
Aroclor 1248	ND		ug/l	0.083	0.071	1	A
Aroclor 1254	ND		ug/l	0.083	0.071	1	A
Aroclor 1260	ND		ug/l	0.083	0.071	1	A
Aroclor 1262	ND		ug/l	0.083	0.071	1	A
Aroclor 1268	ND		ug/l	0.083	0.071	1	A
PCBs, Total	ND		ug/l	0.083	0.071	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

SAMPLE RESULTS

Lab ID: L2357903-02
Client ID: DUP20231002
Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
Date Received: 10/02/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/07/23 11:42
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 16:09
Cleanup Method: EPA 3665A
Cleanup Date: 10/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.071	1	A
Aroclor 1221	ND		ug/l	0.083	0.071	1	A
Aroclor 1232	ND		ug/l	0.083	0.071	1	A
Aroclor 1242	ND		ug/l	0.083	0.071	1	A
Aroclor 1248	ND		ug/l	0.083	0.071	1	A
Aroclor 1254	ND		ug/l	0.083	0.071	1	A
Aroclor 1260	ND		ug/l	0.083	0.071	1	A
Aroclor 1262	ND		ug/l	0.083	0.071	1	A
Aroclor 1268	ND		ug/l	0.083	0.071	1	A
PCBs, Total	ND		ug/l	0.083	0.071	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03
 Client ID: FB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:40
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 10/07/23 11:52
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 16:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/06/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/07/23 10:55
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 16:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/06/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1836651-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1836651-2 WG1836651-3									
Aroclor 1016	72		72		40-140	1		50	A
Aroclor 1260	70		72		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		75		30-150	A
Decachlorobiphenyl	87		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		76		30-150	B
Decachlorobiphenyl	96		93		30-150	B

PESTICIDES

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01
 Client ID: RI-MW-03
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:55
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 10/08/23 12:53
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-01**Date Collected:** 10/02/23 14:55**Client ID:** RI-MW-03**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-02
 Client ID: DUP20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 00:00
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 10/06/23 16:30
 Analyst: JAG

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-02**Date Collected:** 10/02/23 00:00**Client ID:** DUP20231002**Date Received:** 10/02/23**Sample Location:** 136 CROTON AVE, OSSINING NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03
 Client ID: FB20231002
 Sample Location: 136 CROTON AVE, OSSINING NY

Date Collected: 10/02/23 14:40
 Date Received: 10/02/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 10/08/23 13:05
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.036	IP	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03

Date Collected: 10/02/23 14:40

Client ID: FB20231002

Date Received: 10/02/23

Sample Location: 136 CROTON AVE, OSSINING NY

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/06/23 14:29
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1835970-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/06/23 14:29
 Analyst: MMG

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 10:12

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1835970-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	22	Q	30-150	A
Decachlorobiphenyl	15	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	17	Q	30-150	B
Decachlorobiphenyl	18	Q	30-150	B

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/23 11:14
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG1836724-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/23 11:14
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG1836724-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	50		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1835970-2 WG1835970-3									
Delta-BHC	59		65		30-150	10		20	A
Lindane	53		56		30-150	6		20	A
Alpha-BHC	55		58		30-150	5		20	A
Beta-BHC	60		62		30-150	3		20	A
Heptachlor	54		57		30-150	5		20	A
Aldrin	51		54		30-150	6		20	A
Heptachlor epoxide	56		58		30-150	4		20	A
Endrin	58		61		30-150	5		20	A
Endrin aldehyde	48		54		30-150	12		20	A
Endrin ketone	63		66		30-150	4		20	A
Dieldrin	61		63		30-150	3		20	A
4,4'-DDE	56		58		30-150	4		20	A
4,4'-DDD	64		64		30-150	1		20	A
4,4'-DDT	61		62		30-150	2		20	A
Endosulfan I	56		58		30-150	4		20	A
Endosulfan II	60		64		30-150	6		20	A
Endosulfan sulfate	54		60		30-150	11		20	A
Methoxychlor	78		81		30-150	4		20	A
cis-Chlordane	52		54		30-150	4		20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1835970-2 WG1835970-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	18	Q	19	Q	30-150	A
Decachlorobiphenyl	14	Q	14	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	13	Q	15	Q	30-150	B
Decachlorobiphenyl	15	Q	17	Q	30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1835970-2 WG1835970-3									
trans-Chlordane	48		52		30-150	8		20	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	18	Q	19	Q	30-150	A
Decachlorobiphenyl	14	Q	14	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	13	Q	15	Q	30-150	B
Decachlorobiphenyl	15	Q	17	Q	30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1836724-2 WG1836724-3									
Delta-BHC	65		72		30-150	11		20	A
Lindane	61		65		30-150	6		20	A
Alpha-BHC	67		73		30-150	8		20	A
Beta-BHC	68		70		30-150	3		20	A
Heptachlor	61		66		30-150	9		20	A
Aldrin	59		62		30-150	5		20	A
Heptachlor epoxide	61		64		30-150	5		20	A
Endrin	62		66		30-150	6		20	A
Endrin aldehyde	48		57		30-150	16		20	A
Endrin ketone	63		69		30-150	9		20	A
Dieldrin	65		69		30-150	7		20	A
4,4'-DDE	61		66		30-150	7		20	A
4,4'-DDD	67		71		30-150	5		20	A
4,4'-DDT	69		92		30-150	29	Q	20	A
Endosulfan I	62		75		30-150	19		20	A
Endosulfan II	62		66		30-150	7		20	A
Endosulfan sulfate	55		62		30-150	11		20	A
Methoxychlor	77		85		30-150	11		20	A
cis-Chlordane	56		58		30-150	4		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1836724-2 WG1836724-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		63		30-150	B
Decachlorobiphenyl	52		56		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1836724-2 WG1836724-3									
trans-Chlordane	57		61		30-150	8		20	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		63		30-150	B
Decachlorobiphenyl	52		56		30-150	B

METALS

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-01

Date Collected: 10/02/23 14:55

Client ID: RI-MW-03

Date Received: 10/02/23

Sample Location: 136 CROTON AVE, OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	280.		mg/l	0.0500	0.0164	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.02000	0.00214	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.03148		mg/l	0.00250	0.00082	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Barium, Total	10.99		mg/l	0.00250	0.00086	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.01238		mg/l	0.00250	0.00053	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00326		mg/l	0.00100	0.00029	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Calcium, Total	486.		mg/l	0.500	0.197	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Chromium, Total	0.7809		mg/l	0.00500	0.00089	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.3276		mg/l	0.00250	0.00081	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Copper, Total	1.567		mg/l	0.00500	0.00192	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Iron, Total	490.		mg/l	0.250	0.0955	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Lead, Total	0.2933		mg/l	0.00500	0.00171	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Magnesium, Total	217.		mg/l	0.350	0.121	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Manganese, Total	18.40		mg/l	0.00500	0.00220	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00200	0.00091	1	10/03/23 23:30	10/06/23 11:01	EPA 7470A	1,7470A	MJR
Nickel, Total	0.5444		mg/l	0.01000	0.00278	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Potassium, Total	133.		mg/l	0.500	0.154	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Selenium, Total	0.0666		mg/l	0.0250	0.00865	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Silver, Total	0.00152	J	mg/l	0.00200	0.00081	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Sodium, Total	28.0		mg/l	0.500	0.146	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Thallium, Total	0.00414	J	mg/l	0.00500	0.00071	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.3740		mg/l	0.02500	0.00785	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV
Zinc, Total	1.555		mg/l	0.05000	0.01705	5	10/03/23 22:00	10/09/23 14:10	EPA 3005A	1,6020B	SMV



Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

SAMPLE RESULTS

Lab ID: L2357903-02

Date Collected: 10/02/23 00:00

Client ID: DUP20231002

Date Received: 10/02/23

Sample Location: 136 CROTON AVE, OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	269.		mg/l	0.0500	0.0164	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.02000	0.00214	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.03369		mg/l	0.00250	0.00082	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Barium, Total	10.64		mg/l	0.00250	0.00086	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.01210		mg/l	0.00250	0.00053	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00354		mg/l	0.00100	0.00029	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Calcium, Total	419.		mg/l	0.500	0.197	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Chromium, Total	0.7769		mg/l	0.00500	0.00089	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.3346		mg/l	0.00250	0.00081	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Copper, Total	1.408		mg/l	0.00500	0.00192	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Iron, Total	480.		mg/l	0.250	0.0955	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Lead, Total	0.3178		mg/l	0.00500	0.00171	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Magnesium, Total	209.		mg/l	0.350	0.121	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Manganese, Total	17.31		mg/l	0.00500	0.00220	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	10/03/23 23:30	10/06/23 11:04	EPA 7470A	1,7470A	MJR
Nickel, Total	0.5482		mg/l	0.01000	0.00278	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Potassium, Total	130.		mg/l	0.500	0.154	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Selenium, Total	0.0670		mg/l	0.0250	0.00865	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Silver, Total	0.00170	J	mg/l	0.00200	0.00081	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Sodium, Total	27.4		mg/l	0.500	0.146	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Thallium, Total	0.00424	J	mg/l	0.00500	0.00071	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.3668		mg/l	0.02500	0.00785	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV
Zinc, Total	1.523		mg/l	0.05000	0.01705	5	10/03/23 22:00	10/09/23 14:15	EPA 3005A	1,6020B	SMV



Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**SAMPLE RESULTS**

Lab ID: L2357903-03

Date Collected: 10/02/23 14:40

Client ID: FB20231002

Date Received: 10/02/23

Sample Location: 136 CROTON AVE, OSSINING NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Barium, Total	0.00029	J	mg/l	0.00050	0.00017	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 23:30	10/06/23 11:08	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Sodium, Total	0.842		mg/l	0.100	0.0293	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 22:00	10/09/23 14:57	EPA 3005A	1,6020B	SMV



Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1835042-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Manganese, Total	0.00049	J	mg/l	0.00100	0.00044	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1835044-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 23:30	10/06/23 10:09	1,7470A	MJR



Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1835042-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	103		-		80-120	-		
Arsenic, Total	103		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	106		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1835042-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1835044-2					
Mercury, Total	88	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1835042-3 WG1835042-4 QC Sample: L2357895-01 Client ID: MS Sample												
Aluminum, Total	0.037	2	2.09	103		2.16	106		75-125	3		20
Antimony, Total	ND	0.5	0.4980	100		0.5117	102		75-125	3		20
Arsenic, Total	0.00223	0.12	0.1248	102		0.1288	105		75-125	3		20
Barium, Total	0.0412	2	1.987	97		2.039	100		75-125	3		20
Beryllium, Total	ND	0.05	0.05162	103		0.05328	106		75-125	3		20
Cadmium, Total	ND	0.053	0.05357	101		0.05456	103		75-125	2		20
Calcium, Total	13.6	10	23.9	103		23.3	97		75-125	3		20
Chromium, Total	0.00040J	0.2	0.1902	95		0.1992	100		75-125	5		20
Cobalt, Total	0.0013	0.5	0.4769	95		0.4966	99		75-125	4		20
Copper, Total	0.00102	0.25	0.2495	99		0.2490	99		75-125	0		20
Iron, Total	3.24	1	4.22	98		4.26	102		75-125	1		20
Lead, Total	0.00094J	0.53	0.5419	102		0.5499	104		75-125	1		20
Magnesium, Total	2.40	10	12.8	104		13.0	106		75-125	2		20
Manganese, Total	0.5658	0.5	1.074	102		1.105	108		75-125	3		20
Nickel, Total	0.0013J	0.5	0.4872	97		0.5007	100		75-125	3		20
Potassium, Total	3.41	10	13.7	103		13.7	103		75-125	0		20
Selenium, Total	ND	0.12	0.120	100		0.120	100		75-125	0		20
Silver, Total	ND	0.05	0.05207	104		0.05381	108		75-125	3		20
Sodium, Total	38.9	10	48.4	95		49.9	110		75-125	3		20
Thallium, Total	ND	0.12	0.1135	94		0.1151	96		75-125	1		20
Vanadium, Total	ND	0.5	0.4814	96		0.4952	99		75-125	3		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03			QC Batch ID: WG1835042-3		WG1835042-4	QC Sample: L2357895-01		Client ID: MS Sample	
Zinc, Total	0.00505J	0.5	0.4974	99	0.5116	102	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-03			QC Batch ID: WG1835044-3		QC Sample: L2357801-01		Client ID: MS Sample		
Mercury, Total	ND	0.005	0.00424	85	-	-	75-125	-	20

Lab Duplicate Analysis
*Batch Quality Control***Project Name:** 12060 SUN VALLEY FILLINGSUP**Project Number:** 12060:7**Lab Number:** L2357903**Report Date:** 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1835044-4 QC Sample: L2357801-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: 12060 SUN VALLEY FILLINGSUP**Project Number:** 12060:7**Lab Number:** L2357903**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-01**Client ID:** RI-MW-03**Sample Location:** 136 CROTON AVE, OSSINING NY**Date Collected:** 10/02/23 14:55**Date Received:** 10/02/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/04/23 11:10	10/04/23 14:34	1,9010C/9012B	JER



Project Name: 12060 SUN VALLEY FILLINGSUP**Project Number:** 12060:7**Lab Number:** L2357903**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-02**Client ID:** DUP20231002**Sample Location:** 136 CROTON AVE, OSSINING NY**Date Collected:** 10/02/23 00:00**Date Received:** 10/02/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/04/23 11:10	10/04/23 14:35	1,9010C/9012B	JER



Project Name: 12060 SUN VALLEY FILLINGSUP**Project Number:** 12060:7**Lab Number:** L2357903**Report Date:** 10/13/23**SAMPLE RESULTS****Lab ID:** L2357903-03**Client ID:** FB20231002**Sample Location:** 136 CROTON AVE, OSSINING NY**Date Collected:** 10/02/23 14:40**Date Received:** 10/02/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/04/23 11:10	10/04/23 14:36	1,9010C/9012B	JER



Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1835399-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/04/23 11:10	10/04/23 14:05	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1835399-2 WG1835399-3								
Cyanide, Total	100		100		85-115	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 12060 SUN VALLEY FILLINGSUP

Lab Number: L2357903

Project Number: 12060:7

Report Date: 10/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1835399-4 WG1835399-5 QC Sample: L2356822-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.205	102		0.208	104		80-120	1		20

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Serial_No:10132314:42
Lab Number: L2357903
Report Date: 10/13/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2357903-01A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-01B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-01C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-01D	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2357903-01E	Plastic 250ml NaOH preserved	A	>12	>12	2.8	Y	Absent		TCN-9010(14)
L2357903-01F	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8081(7)
L2357903-01G	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8081(7)
L2357903-01H	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2357903-01I	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2357903-01J	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357903-01K	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357903-01L	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2357903-01M	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2357903-01N	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(28)
L2357903-01O	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(28)
L2357903-02A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-02B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-02C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2357903-02D	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2357903-02E	Plastic 250ml NaOH preserved	A	>12	>12	2.8	Y	Absent		TCN-9010(14)
L2357903-02F	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8081(7)
L2357903-02G	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8081(7)
L2357903-02H	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2357903-02I	Amber 120ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2357903-02J	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357903-02K	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357903-02L	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2357903-02M	Amber 250ml unpreserved	A	10	10	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2357903-02N	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(28)
L2357903-02O	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(28)
L2357903-03A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-03B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-03C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-03D	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2357903-03E	Plastic 250ml NaOH preserved	A	>12	>12	2.8	Y	Absent		TCN-9010(14)
L2357903-03F	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2357903-03G	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2357903-03H	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8082-LVI(365)

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Serial_No:10132314:42
Lab Number: L2357903
Report Date: 10/13/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2357903-03I	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2357903-03J	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357903-03K	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2357903-03L	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2357903-03M	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2357903-03N	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(28)
L2357903-03O	Plastic 250ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-537-ISOTOPE(28)
L2357903-04A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2357903-04B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Serial_No:10132314:42
Lab Number: L2357903
Report Date: 10/13/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafuoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Serial_No:10132314:42
Lab Number: L2357903
Report Date: 10/13/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: 12060 SUN VALLEY FILLINGSUP**Lab Number:** L2357903**Project Number:** 12060:7**Report Date:** 10/13/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: 12060 SUN VALLEY FILLINGSUP
Project Number: 12060:7

Lab Number: L2357903
Report Date: 10/13/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Page 137 of 137



ANALYTICAL REPORT

Lab Number:	L2358165
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY FILLING STATION
Project Number:	12060 / PHASE 7
Report Date:	10/17/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2358165-01	FB0231003	WATER	136 CROTON AVE, OSSINING	10/03/23 13:40	10/03/23
L2358165-02	TB0231003	WATER	136 CROTON AVE, OSSINING	10/03/23 00:00	10/03/23
L2358165-03	RI-MW-05	WATER	136 CROTON AVE, OSSINING	10/03/23 09:30	10/03/23
L2358165-04	RI-MW-02	WATER	136 CROTON AVE, OSSINING	10/03/23 11:20	10/03/23
L2358165-05	RI-MW-01	WATER	136 CROTON AVE, OSSINING	10/03/23 13:10	10/03/23
L2358165-06	RI-MW-04	WATER	136 CROTON AVE, OSSINING	10/03/23 12:40	10/03/23

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Case Narrative (continued)

Report Submission

October 17, 2023: This final report includes the results of all requested analyses.

October 10, 2023: This is a preliminary report.

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

Perfluorinated Alkyl Acids by Isotope Dilution

L2358165-03, -04, and -05: The sample was centrifuged and decanted prior to extraction due to sample matrix.

L2358165-06: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

PCBs

L2358165-01, -03, and -04: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals

L2358165-01: The Field Blank has results for aluminum, barium, calcium, sodium, and zinc present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

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

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/17/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 07:43
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-01**Date Collected:** 10/03/23 13:40**Client ID:** FB0231003**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-02
Client ID: TB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 00:00
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 06:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-02**Date Collected:** 10/03/23 00:00**Client ID:** TB0231003**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-02
Client ID: TB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 00:00
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 08:06
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.7		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	11		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	8.1		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	7.17	J	ug/l	1
Unknown	2.95	J	ug/l	1
Propene	2.73	NJ	ug/l	1
Unknown Alkene	1.49	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 08:28
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	15		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.35	J	ug/l	0.50	0.16	1
Toluene	5.8		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-04
 Client ID: RI-MW-02
 Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
 Date Received: 10/03/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	76		ug/l	2.5	0.70	1
o-Xylene	35		ug/l	2.5	0.70	1
Xylenes, Total	110		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	11		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.2	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	1.1	J	ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	0.83	J	ug/l	2.5	0.70	1
Naphthalene	40		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-04**Date Collected:** 10/03/23 11:20**Client ID:** RI-MW-02**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	59		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	180		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	93		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	16		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	327	J	ug/l	1
Unknown Benzene	6.54	J	ug/l	1
Unknown Benzene	9.21	J	ug/l	1
Unknown Benzene	28.1	J	ug/l	1
Unknown Aromatic	13.6	J	ug/l	1
Unknown Benzene	41.5	J	ug/l	1
Unknown Benzene	28.2	J	ug/l	1
Unknown	12.9	J	ug/l	1
Unknown Aromatic	17.4	J	ug/l	1
Unknown Aromatic	40.0	J	ug/l	1
Unknown Benzene	32.7	J	ug/l	1
Unknown Aromatic	8.05	J	ug/l	1
Unknown	8.79	J	ug/l	1
Unknown Benzene	29.4	J	ug/l	1
Indane	50.4	NJ	ug/l	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 08:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.74	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	6.3		ug/l	0.50	0.16	1
Toluene	36		ug/l	2.5	0.70	1
Ethylbenzene	21		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-05
 Client ID: RI-MW-01
 Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
 Date Received: 10/03/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	75		ug/l	2.5	0.70	1
o-Xylene	34		ug/l	2.5	0.70	1
Xylenes, Total	110		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	15		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	4.2	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.98	J	ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	2.7		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.0		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	7.8		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	12		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	42		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	36		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	2.4		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	51.3	J	ug/l	1
Unknown Benzene	4.13	J	ug/l	1
Cyclohexane, methyl-	3.12	NJ	ug/l	1
Unknown Aromatic	4.15	J	ug/l	1
Unknown Benzene	4.82	J	ug/l	1
Unknown Benzene	10.6	J	ug/l	1
Unknown Benzene	9.87	J	ug/l	1
Unknown	2.86	J	ug/l	1
Unknown Alkane	3.52	J	ug/l	1
Unknown Aromatic	2.58	J	ug/l	1
Unknown Benzene	5.61	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06 D
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 09:13
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	14.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
1,3-Dichloropropene, Total	ND		ug/l	50	14.	100
1,1-Dichloropropene	ND		ug/l	250	70.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	17.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	ND		ug/l	100	7.1	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	17.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-06 D
 Client ID: RI-MW-04
 Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
 Date Received: 10/03/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
Xylenes, Total	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	ND		ug/l	250	70.	100
1,2-Dichloroethene, Total	ND		ug/l	250	70.	100
Dibromomethane	ND		ug/l	500	100	100
1,2,3-Trichloropropane	ND		ug/l	250	70.	100
Acrylonitrile	ND		ug/l	500	150	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	1300		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	7600		ug/l	500	190	100
Vinyl acetate	ND		ug/l	500	100	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
2,2-Dichloropropane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,3-Dichloropropane	ND		ug/l	250	70.	100
1,1,1,2-Tetrachloroethane	ND		ug/l	250	70.	100
Bromobenzene	ND		ug/l	250	70.	100
n-Butylbenzene	ND		ug/l	250	70.	100
sec-Butylbenzene	ND		ug/l	250	70.	100
tert-Butylbenzene	ND		ug/l	250	70.	100
o-Chlorotoluene	ND		ug/l	250	70.	100
p-Chlorotoluene	ND		ug/l	250	70.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Hexachlorobutadiene	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
p-Isopropyltoluene	ND		ug/l	250	70.	100
Naphthalene	ND		ug/l	250	70.	100

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06 **D**
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
1,3,5-Trimethylbenzene	ND		ug/l	250	70.	100
1,2,4-Trimethylbenzene	ND		ug/l	250	70.	100
1,4-Dioxane	ND		ug/l	25000	6100	100
p-Diethylbenzene	ND		ug/l	200	70.	100
p-Ethyltoluene	ND		ug/l	200	70.	100
1,2,4,5-Tetramethylbenzene	ND		ug/l	200	54.	100
Ethyl ether	ND		ug/l	250	70.	100
trans-1,4-Dichloro-2-butene	ND		ug/l	250	70.	100

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/10/23 06:36
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1837982-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 10/10/23 06:36
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1837982-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 10/10/23 06:36
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1837982-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 10/10/23 06:36
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1837982-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1837982-3 WG1837982-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		100		63-130	2		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	99		100		70-130	1		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	98		100		67-130	2		20
trans-1,3-Dichloropropene	99		100		70-130	1		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	96		100		54-136	4		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	96		98		64-130	2		20
Bromomethane	77		79		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1837982-3 WG1837982-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	99		100		63-130	1		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	99		100		64-130	1		20
Acrylonitrile	98		100		70-130	2		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	89		96		58-148	8		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	90		100		63-138	11		20
Vinyl acetate	93		94		70-130	1		20
4-Methyl-2-pentanone	91		96		59-130	5		20
2-Hexanone	90		96		57-130	6		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1837982-3 WG1837982-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	98		100		41-144	2		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	100		110		70-130	10		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	102		110		56-162	8		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358165

Project Number: 12060 / PHASE 7

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1837982-3 WG1837982-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	92		100		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		98		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/06/23 17:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-01**Date Collected:** 10/03/23 13:40**Client ID:** FB0231003**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	164	J	ug/l			1
Unknown Organic Acid	39.8	J	ug/l			1
Unknown	6.44	J	ug/l			1
Unknown	6.29	J	ug/l			1
Unknown	7.71	J	ug/l			1
Unknown	7.49	J	ug/l			1
Unknown	12.4	J	ug/l			1
Unknown	6.51	J	ug/l			1
Unknown Organic Acid	6.40	J	ug/l			1
Unknown Siloxane	7.49	J	ug/l			1
Unknown	8.69	J	ug/l			1
Unknown	14.3	J	ug/l			1
Unknown Amide	6.14	J	ug/l			1
Unknown	6.80	J	ug/l			1
Unknown	7.74	J	ug/l			1
Unknown	19.3	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	73		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/23 13:41
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.06	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	84		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/11/23 13:54
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/10/23 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	40			15-110		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 07:53
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.78	0.363	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.78	0.353	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.335	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.613	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.278	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.78	0.449	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.271	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.577	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.873	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.516	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.716	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.331	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.221	1
PFOA/PFOS, Total	ND		ng/l	1.78	0.210	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-01**Date Collected:** 10/03/23 13:40**Client ID:** FB0231003**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	137		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	111		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	112		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	56		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	87		22-136

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/06/23 18:18
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	0.66	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	99.0	J	ug/l	1
Unknown Organic Acid	32.0	J	ug/l	1
Unknown	2.29	J	ug/l	1
Unknown Alkane	4.33	J	ug/l	1
Unknown	2.22	J	ug/l	1
Unknown	2.69	J	ug/l	1
Unknown	4.36	J	ug/l	1
Unknown	2.87	J	ug/l	1
Unknown Organic Acid	16.4	J	ug/l	1
Unknown	4.25	J	ug/l	1
Unknown	6.29	J	ug/l	1
Unknown Amide	5.71	J	ug/l	1
Unknown	4.07	J	ug/l	1
Unknown	2.65	J	ug/l	1
Unknown	4.73	J	ug/l	1
Unknown	4.14	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	71		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/23 13:57
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.05	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	73		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/11/23 14:21
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/10/23 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	156	35.3	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	43			15-110		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 08:09
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.13		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	7.99		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	1.15	J	ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	3.65		ng/l	1.86	0.305	1
Perfluoroheptanoic Acid (PFHpA)	1.24	J	ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	4.24		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	2.22		ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.641	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.290	1
Perfluorooctanesulfonic Acid (PFOS)	1.30	J	ng/l	1.86	0.469	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.603	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.913	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.540	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.749	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.346	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	3.52	J	ng/l	1.86	0.220	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-03**Date Collected:** 10/03/23 09:30**Client ID:** RI-MW-05**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	126		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	101		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		22-136

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/06/23 18:42
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-04**Date Collected:** 10/03/23 11:20**Client ID:** RI-MW-02**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	9.5		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	9.0		ug/l	5.0	0.57	1
2-Methylphenol	2.2	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	4.4	J	ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	15.	J	ug/l	50	2.6	1
Benzyl Alcohol	2.1		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	584	J	ug/l			1
Unknown Organic Acid	45.6	J	ug/l			1
Unknown Benzene	132	J	ug/l			1
Unknown Benzene	18.8	J	ug/l			1
Unknown Benzene	22.8	J	ug/l			1
Unknown Benzene	47.0	J	ug/l			1
Unknown	8.00	J	ug/l			1
Unknown	32.3	J	ug/l			1
Unknown Benzene	44.8	J	ug/l			1
Unknown Organic Acid	8.40	J	ug/l			1
Unknown Organic Acid	108	J	ug/l			1
Unknown Organic Acid	8.33	J	ug/l			1
Unknown Organic Acid	32.5	J	ug/l			1
Unknown Benzene	56.0	J	ug/l			1
Unknown	8.36	J	ug/l			1
Unknown	10.9	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	72		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/23 14:14
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.16		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	24		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.18		ug/l	0.10	0.01	1
Phenanthrene	0.14		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	15		ug/l	0.10	0.02	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	82		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/15/23 06:43
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/10/23 20:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	112.	J	ng/l	147	33.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	46			15-110		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 08:26
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	11.8		ng/l	1.91	0.390	1
Perfluoropentanoic Acid (PFPeA)	3.24		ng/l	1.91	0.378	1
Perfluorobutanesulfonic Acid (PFBS)	1.10	J	ng/l	1.91	0.227	1
Perfluorohexanoic Acid (PFHxA)	2.54		ng/l	1.91	0.313	1
Perfluoroheptanoic Acid (PFHpA)	1.27	JF	ng/l	1.91	0.215	1
Perfluorohexanesulfonic Acid (PFHxS)	1.31	J	ng/l	1.91	0.359	1
Perfluorooctanoic Acid (PFOA)	1.85	J	ng/l	1.91	0.225	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.91	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.91	0.657	1
Perfluorononanoic Acid (PFNA)	0.313	JF	ng/l	1.91	0.298	1
Perfluorooctanesulfonic Acid (PFOS)	2.43		ng/l	1.91	0.482	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.91	0.290	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.91	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.91	0.619	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.91	0.248	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.91	0.936	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.91	0.554	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.91	0.768	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.91	0.355	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.91	0.313	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.91	0.237	1
PFOA/PFOS, Total	4.28	J	ng/l	1.91	0.225	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-04**Date Collected:** 10/03/23 11:20**Client ID:** RI-MW-02**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	132		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	79		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	79		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		22-136

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/06/23 19:05
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.6	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	1.8	J	ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	1.1	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	1.7	J	ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	0.64	J	ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-05**Date Collected:** 10/03/23 13:10**Client ID:** RI-MW-01**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	336	J	ug/l	1
Unknown Amide	5.74	J	ug/l	1
Unknown	8.91	J	ug/l	1
Unknown	27.6	J	ug/l	1
Unknown Benzene	8.00	J	ug/l	1
Unknown Organic Acid	14.4	J	ug/l	1
Unknown	5.13	J	ug/l	1
Unknown	13.8	J	ug/l	1
Unknown Benzene	5.71	J	ug/l	1
Unknown Benzene	10.7	J	ug/l	1
Unknown Benzene	17.4	J	ug/l	1
Unknown	5.27	J	ug/l	1
Unknown	191	J	ug/l	1
Unknown Organic Acid	11.0	J	ug/l	1
Unknown Benzene	5.49	J	ug/l	1
Unknown	6.25	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	70		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/23 14:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.8		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.01	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.80		ug/l	0.10	0.02	1
Pentachlorophenol	0.06	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	73		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/11/23 14:47
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/10/23 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	156	35.3	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	41			15-110		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 08:42
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.84		ng/l	1.92	0.392	1
Perfluoropentanoic Acid (PFPeA)	4.26		ng/l	1.92	0.381	1
Perfluorobutanesulfonic Acid (PFBS)	2.56		ng/l	1.92	0.229	1
Perfluorohexanoic Acid (PFHxA)	3.11		ng/l	1.92	0.316	1
Perfluoroheptanoic Acid (PFHpA)	2.06		ng/l	1.92	0.217	1
Perfluorohexanesulfonic Acid (PFHxS)	2.40		ng/l	1.92	0.362	1
Perfluorooctanoic Acid (PFOA)	3.78		ng/l	1.92	0.227	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.92	1.28	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.92	0.662	1
Perfluorononanoic Acid (PFNA)	0.477	JF	ng/l	1.92	0.300	1
Perfluorooctanesulfonic Acid (PFOS)	4.18		ng/l	1.92	0.485	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.92	0.292	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.92	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.92	0.623	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.92	0.250	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.92	0.943	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.92	0.558	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.92	0.773	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.92	0.358	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.92	0.315	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.92	0.238	1
PFOA/PFOS, Total	7.96		ng/l	1.92	0.227	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-05**Date Collected:** 10/03/23 13:10**Client ID:** RI-MW-01**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	129		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/06/23 19:29
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	7.4	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-06**Date Collected:** 10/03/23 12:40**Client ID:** RI-MW-04**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	1370	J	ug/l	1
Butyl citrate	6.73	NJ	ug/l	1
Unknown	6.54	J	ug/l	1
Unknown Amide	6.14	J	ug/l	1
Unknown	9.67	J	ug/l	1
Unknown Organic Acid	60.5	J	ug/l	1
Unknown	6.47	J	ug/l	1
Unknown	26.1	J	ug/l	1
Unknown	51.7	J	ug/l	1
Unknown Ketone	1040	J	ug/l	1
Unknown	11.8	J	ug/l	1
Unknown Organic Acid	113	J	ug/l	1
Unknown Alcohol	10.6	J	ug/l	1
Unknown Organic Acid	7.93	J	ug/l	1
Unknown	8.25	J	ug/l	1
Unknown	8.80	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	72		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/23 14:47
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	123	Q	10-120
4-Terphenyl-d14	80		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/11/23 15:14
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/10/23 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	163	36.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	44			15-110		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 08:59
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.41		ng/l	2.84	0.579	1
Perfluoropentanoic Acid (PFPeA)	18.5		ng/l	2.84	0.562	1
Perfluorobutanesulfonic Acid (PFBS)	0.987	J	ng/l	2.84	0.338	1
Perfluorohexanoic Acid (PFHxA)	1.06	J	ng/l	2.84	0.465	1
Perfluoroheptanoic Acid (PFHpA)	0.567	JF	ng/l	2.84	0.319	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.84	0.533	1
Perfluorooctanoic Acid (PFOA)	1.42	J	ng/l	2.84	0.335	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.84	1.89	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.84	0.976	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.84	0.443	1
Perfluorooctanesulfonic Acid (PFOS)	1.21	J	ng/l	2.84	0.715	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.84	0.431	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.84	1.72	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.84	0.919	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.84	0.369	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.84	1.39	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.84	0.823	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.84	1.14	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.84	0.528	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.84	0.464	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.84	0.352	1
PFOA/PFOS, Total	2.63	J	ng/l	2.84	0.335	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS****Lab ID:** L2358165-06**Date Collected:** 10/03/23 12:40**Client ID:** RI-MW-04**Date Received:** 10/03/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C4]Butanoic Acid (MPFBA)	79			58-132		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104			62-163		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97			70-131		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78			57-129		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79			60-129		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89			71-134		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81			62-129		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	157		Q	14-147		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82			59-139		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86			69-131		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	71			62-124		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132			10-162		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	46			24-116		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	69			55-137		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	22			10-112		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48			27-126		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	59			48-131		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	46			22-136		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/06/23 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-06 Batch: WG1835876-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/06/23 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-06 Batch: WG1835876-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/06/23 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-06 Batch: WG1835876-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	77.1	J	ug/l
Unknown	4.14	J	ug/l
Unknown	5.16	J	ug/l
Unknown	1.82	J	ug/l
Unknown Organic Acid	2.65	J	ug/l
Unknown	1.53	J	ug/l
Unknown	1.74	J	ug/l
Unknown Organic Acid	25.8	J	ug/l
Unknown	2.84	J	ug/l
Unknown Organic Acid	16.0	J	ug/l
Unknown	1.49	J	ug/l

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/06/23 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-06 Batch: WG1835876-1					

Tentatively Identified Compounds

Unknown	2.94	J	ug/l
Unknown	3.16	J	ug/l
Unknown	4.22	J	ug/l
Unknown	1.71	J	ug/l
Unknown	1.89	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	84		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/23 13:24
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03-06 Batch: WG1835878-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 10/08/23 13:24
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03-06 Batch: WG1835878-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	76		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 10/11/23 09:32
 Analyst: TPR

Extraction Method: EPA 3510C
 Extraction Date: 10/10/23 18:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01,03,05-06 Batch: WG1837998-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	60		15-110

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 02:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,03-06 Batch: WG1837999-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
 Analytical Date: 10/12/23 02:54
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,03-06 Batch: WG1837999-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	122		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	93		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	90		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 10/15/23 05:36
 Analyst: TPR

Extraction Method: EPA 3510C
 Extraction Date: 10/10/23 20:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 04 Batch: WG1838067-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1835876-2 WG1835876-3								
Acenaphthene	54		56		37-111	4		30
1,2,4-Trichlorobenzene	58		64		39-98	10		30
Hexachlorobenzene	63		62		40-140	2		30
Bis(2-chloroethyl)ether	56		59		40-140	5		30
2-Chloronaphthalene	58		64		40-140	10		30
1,2-Dichlorobenzene	56		60		40-140	7		30
1,3-Dichlorobenzene	54		59		40-140	9		30
1,4-Dichlorobenzene	56		58		36-97	4		30
3,3'-Dichlorobenzidine	57		62		40-140	8		30
2,4-Dinitrotoluene	76		74		48-143	3		30
2,6-Dinitrotoluene	71		73		40-140	3		30
Fluoranthene	61		64		40-140	5		30
4-Chlorophenyl phenyl ether	59		61		40-140	3		30
4-Bromophenyl phenyl ether	61		66		40-140	8		30
Bis(2-chloroisopropyl)ether	50		52		40-140	4		30
Bis(2-chloroethoxy)methane	57		61		40-140	7		30
Hexachlorobutadiene	57		64		40-140	12		30
Hexachlorocyclopentadiene	56		63		40-140	12		30
Hexachloroethane	56		57		40-140	2		30
Isophorone	56		59		40-140	5		30
Naphthalene	56		61		40-140	9		30
Nitrobenzene	61		66		40-140	8		30
NDPA/DPA	62		61		40-140	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1835876-2 WG1835876-3								
n-Nitrosodi-n-propylamine	56		60		29-132	7		30
Bis(2-ethylhexyl)phthalate	72		75		40-140	4		30
Butyl benzyl phthalate	65		70		40-140	7		30
Di-n-butylphthalate	66		70		40-140	6		30
Di-n-octylphthalate	71		76		40-140	7		30
Diethyl phthalate	69		67		40-140	3		30
Dimethyl phthalate	67		67		40-140	0		30
Benzo(a)anthracene	64		66		40-140	3		30
Benzo(a)pyrene	65		69		40-140	6		30
Benzo(b)fluoranthene	61		70		40-140	14		30
Benzo(k)fluoranthene	64		60		40-140	6		30
Chrysene	64		66		40-140	3		30
Acenaphthylene	59		63		45-123	7		30
Anthracene	59		64		40-140	8		30
Benzo(ghi)perylene	73		69		40-140	6		30
Fluorene	60		62		40-140	3		30
Phenanthrene	60		62		40-140	3		30
Dibenzo(a,h)anthracene	72		69		40-140	4		30
Indeno(1,2,3-cd)pyrene	75		66		40-140	13		30
Pyrene	59		64		26-127	8		30
Biphenyl	55		62		40-140	12		30
4-Chloroaniline	38	Q	57		40-140	40	Q	30
2-Nitroaniline	74		74		52-143	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1835876-2 WG1835876-3								
3-Nitroaniline	67		65		25-145	3		30
4-Nitroaniline	66		64		51-143	3		30
Dibenzofuran	59		60		40-140	2		30
2-Methylnaphthalene	57		64		40-140	12		30
1,2,4,5-Tetrachlorobenzene	55		61		2-134	10		30
Acetophenone	56		58		39-129	4		30
2,4,6-Trichlorophenol	72		70		30-130	3		30
p-Chloro-m-cresol	65		66		23-97	2		30
2-Chlorophenol	58		60		27-123	3		30
2,4-Dichlorophenol	66		68		30-130	3		30
2,4-Dimethylphenol	48		50		30-130	4		30
2-Nitrophenol	75		82		30-130	9		30
4-Nitrophenol	68		65		10-80	5		30
2,4-Dinitrophenol	93		88		20-130	6		30
4,6-Dinitro-o-cresol	92		93		20-164	1		30
Pentachlorophenol	70		64		9-103	9		30
Phenol	43		43		12-110	0		30
2-Methylphenol	57		59		30-130	3		30
3-Methylphenol/4-Methylphenol	60		62		30-130	3		30
2,4,5-Trichlorophenol	68		73		30-130	7		30
Benzoic Acid	80		69		10-164	15		30
Benzyl Alcohol	57		59		26-116	3		30
Carbazole	60		64		55-144	6		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1835876-2 WG1835876-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		53		21-120
Phenol-d6	40		42		10-120
Nitrobenzene-d5	57		67		23-120
2-Fluorobiphenyl	56		63		15-120
2,4,6-Tribromophenol	68		71		10-120
4-Terphenyl-d14	60		65		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1835878-2 WG1835878-3								
Acenaphthene	63		66		40-140	5		40
2-Chloronaphthalene	59		62		40-140	5		40
Fluoranthene	78		76		40-140	3		40
Hexachlorobutadiene	60		65		40-140	8		40
Naphthalene	61		65		40-140	6		40
Benzo(a)anthracene	79		76		40-140	4		40
Benzo(a)pyrene	82		80		40-140	2		40
Benzo(b)fluoranthene	77		77		40-140	0		40
Benzo(k)fluoranthene	78		79		40-140	1		40
Chrysene	75		72		40-140	4		40
Acenaphthylene	64		67		40-140	5		40
Anthracene	73		73		40-140	0		40
Benzo(ghi)perylene	86		87		40-140	1		40
Fluorene	66		68		40-140	3		40
Phenanthrene	68		68		40-140	0		40
Dibenzo(a,h)anthracene	82		84		40-140	2		40
Indeno(1,2,3-cd)pyrene	84		85		40-140	1		40
Pyrene	78		76		40-140	3		40
2-Methylnaphthalene	62		67		40-140	8		40
Pentachlorophenol	104		90		40-140	14		40
Hexachlorobenzene	66		66		40-140	0		40
Hexachloroethane	67		73		40-140	9		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1835878-2 WG1835878-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		65		21-120
Phenol-d6	54		56		10-120
Nitrobenzene-d5	80		87		23-120
2-Fluorobiphenyl	56		61		15-120
2,4,6-Tribromophenol	94		90		10-120
4-Terphenyl-d14	62		65		41-149

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01,03,05-06 Batch: WG1837998-2 WG1837998-3								
1,4-Dioxane	119		117		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	52		51		15-110

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1837999-2								
Perfluorobutanoic Acid (PFBA)	113		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	108		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	114		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	109		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	101		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	87		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	93		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	122		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	104		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1837999-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	83				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81				22-136

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 04 Batch: WG1838067-2 WG1838067-3								
1,4-Dioxane	115		115		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	45		46		15-110

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1837999-3 QC Sample: L2357078-01 Client ID:												
MS Sample												
Perfluorobutanoic Acid (PFBA)	26.6	38.8	69.6	111		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	9.74	38.8	51.1	107		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	1.22J	34.4	38.9	109		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	36.4	35.9	99		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	1.32J	38.8	42.8	107		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	36.5	40.6	111		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	38.8	41.2	106		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	35.5	39.1	110		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	ND	38.8	42.4	109		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.9	37.4	101		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37	41.9	113		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	ND	38.8	43.4	112		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	36	36.2	101		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	38.8	40.3	104		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.2	53.5	144		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	37.3	32.3	86		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.8	39.9	103		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.8	39.3	101		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.5	38.4	102		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	38.8	40.8F	105		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.8	34.7	89		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	38.8	36.4	94		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1837999-3 QC Sample: L2357078-01 Client ID:												
Perfluorotridecanoic Acid (PFTrDA)	ND	38.8	44.8	115		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.8	45.9	118		-	-		59-182	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	83				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	80				12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	88				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107				70-131

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	6.19	6.91	ng/l	11		30
Perfluoropentanoic Acid (PFPeA)	6.05	6.32	ng/l	4		30
Perfluorobutanesulfonic Acid (PFBS)	1.40J	1.69J	ng/l	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	6.28	7.44	ng/l	17		30
Perfluoropentanesulfonic Acid (PFPeS)	0.582J	0.633J	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	1.50J	1.78J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	4.73	5.30	ng/l	11		30
Perfluorooctanoic Acid (PFOA)	2.62	3.08	ng/l	16		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	26.3	29.2	ng/l	10		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	2.33	2.82	ng/l	19		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		83		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		98		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	121		110		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140		125		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		77		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		79		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		77		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	146		127		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87		77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		84		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		27		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95		87		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		70		48-131

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: DUP Sample						

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		69		22-136

PCBS

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/06/23 14:32
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:35
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/06/23 14:41
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:35
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/06/23 14:50
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/05/23 07:35
Cleanup Method: EPA 3665A
Cleanup Date: 10/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/08/23 12:04
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/08/23 12:14
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/06/23 09:21
 Analyst: LMR

Extraction Method: EPA 3510C
 Extraction Date: 10/05/23 07:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/05/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03-04 Batch: WG1835853-1						
Aroclor 1016	ND		ug/l	0.036	0.031	A
Aroclor 1221	ND		ug/l	0.036	0.031	A
Aroclor 1232	ND		ug/l	0.036	0.031	A
Aroclor 1242	ND		ug/l	0.036	0.031	A
Aroclor 1248	ND		ug/l	0.036	0.031	A
Aroclor 1254	ND		ug/l	0.036	0.031	A
Aroclor 1260	ND		ug/l	0.036	0.031	A
Aroclor 1262	ND		ug/l	0.036	0.031	A
Aroclor 1268	ND		ug/l	0.036	0.031	A
PCBs, Total	ND		ug/l	0.036	0.031	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/07/23 10:55
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 16:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/06/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-06 Batch: WG1836651-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1835853-2 WG1835853-3									
Aroclor 1016	64		75		40-140	15		50	A
Aroclor 1260	59		72		40-140	19		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		74		30-150	A
Decachlorobiphenyl	67		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		71		30-150	B
Decachlorobiphenyl	75		85		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG1836651-2 WG1836651-3									
Aroclor 1016	72		72		40-140	1		50	A
Aroclor 1260	70		72		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		75		30-150	A
Decachlorobiphenyl	87		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		76		30-150	B
Decachlorobiphenyl	96		93		30-150	B

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Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/08/23 13:18
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/08/23 13:30
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-03

Date Collected: 10/03/23 09:30

Client ID: RI-MW-05

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/08/23 13:43
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-04

Date Collected: 10/03/23 11:20

Client ID: RI-MW-02

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/08/23 13:55
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-05

Date Collected: 10/03/23 13:10

Client ID: RI-MW-01

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/08/23 14:07
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/23 11:14
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-06 Batch: WG1836724-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/08/23 11:14
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-06 Batch: WG1836724-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	50		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1836724-2 WG1836724-3									
Delta-BHC	65		72		30-150	11		20	A
Lindane	61		65		30-150	6		20	A
Alpha-BHC	67		73		30-150	8		20	A
Beta-BHC	68		70		30-150	3		20	A
Heptachlor	61		66		30-150	9		20	A
Aldrin	59		62		30-150	5		20	A
Heptachlor epoxide	61		64		30-150	5		20	A
Endrin	62		66		30-150	6		20	A
Endrin aldehyde	48		57		30-150	16		20	A
Endrin ketone	63		69		30-150	9		20	A
Dieldrin	65		69		30-150	7		20	A
4,4'-DDE	61		66		30-150	7		20	A
4,4'-DDD	67		71		30-150	5		20	A
4,4'-DDT	69		92		30-150	29	Q	20	A
Endosulfan I	62		75		30-150	19		20	A
Endosulfan II	62		66		30-150	7		20	A
Endosulfan sulfate	55		62		30-150	11		20	A
Methoxychlor	77		85		30-150	11		20	A
cis-Chlordane	56		58		30-150	4		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1836724-2 WG1836724-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		63		30-150	B
Decachlorobiphenyl	52		56		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1836724-2 WG1836724-3									
trans-Chlordane	57		61		30-150	8		20	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		63		30-150	B
Decachlorobiphenyl	52		56		30-150	B

METALS

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-01

Date Collected: 10/03/23 13:40

Client ID: FB0231003

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0144		mg/l	0.0100	0.00327	1	10/06/23 11:56	10/10/23 18:38	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Barium, Total	0.00070		mg/l	0.00050	0.00017	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Calcium, Total	0.358		mg/l	0.100	0.0394	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00024	J	mg/l	0.00100	0.00017	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Copper, Total	0.00057	J	mg/l	0.00100	0.00038	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Iron, Total	0.0207	J	mg/l	0.0500	0.0191	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Manganese, Total	0.00045	J	mg/l	0.00100	0.00044	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/06/23 12:55	10/06/23 16:58	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Potassium, Total	0.0735	J	mg/l	0.100	0.0309	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Sodium, Total	3.96		mg/l	0.100	0.0293	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV
Zinc, Total	0.02137		mg/l	0.01000	0.00341	1	10/06/23 11:56	10/10/23 15:32	EPA 3005A	1,6020B	SMV



Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-03

Date Collected: 10/03/23 09:30

Client ID: RI-MW-05

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.63		mg/l	0.0100	0.00327	1	10/06/23 11:56	10/10/23 18:03	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00184	J	mg/l	0.00400	0.00042	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00034	J	mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Barium, Total	0.09285		mg/l	0.00050	0.00017	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.00013	J	mg/l	0.00050	0.00010	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Calcium, Total	23.8		mg/l	0.100	0.0394	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Chromium, Total	0.01466		mg/l	0.00100	0.00017	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00300		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Copper, Total	0.00831		mg/l	0.00100	0.00038	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Iron, Total	6.51		mg/l	0.0500	0.0191	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Lead, Total	0.00158		mg/l	0.00100	0.00034	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Magnesium, Total	12.4		mg/l	0.0700	0.0242	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Manganese, Total	0.1154		mg/l	0.00100	0.00044	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/06/23 12:55	10/06/23 17:01	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00499		mg/l	0.00200	0.00055	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Potassium, Total	45.3		mg/l	0.100	0.0309	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Selenium, Total	0.00183	J	mg/l	0.00500	0.00173	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Sodium, Total	41.9		mg/l	0.100	0.0293	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Thallium, Total	0.00018	J	mg/l	0.00100	0.00014	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.01170		mg/l	0.00500	0.00157	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV
Zinc, Total	0.01866		mg/l	0.01000	0.00341	1	10/06/23 11:56	10/10/23 15:01	EPA 3005A	1,6020B	SMV



Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-04

Date Collected: 10/03/23 11:20

Client ID: RI-MW-02

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12.1		mg/l	0.0100	0.00327	1	10/06/23 11:56	10/10/23 18:08	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00215	J	mg/l	0.00400	0.00042	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00096		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Barium, Total	0.2835		mg/l	0.00050	0.00017	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.00033	J	mg/l	0.00050	0.00010	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Calcium, Total	140.		mg/l	0.100	0.0394	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Chromium, Total	0.05635		mg/l	0.00100	0.00017	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00891		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Copper, Total	0.03574		mg/l	0.00100	0.00038	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Iron, Total	19.8		mg/l	0.0500	0.0191	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Lead, Total	0.00542		mg/l	0.00100	0.00034	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Magnesium, Total	6.69		mg/l	0.0700	0.0242	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Manganese, Total	0.2728		mg/l	0.00100	0.00044	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/06/23 12:55	10/06/23 17:05	EPA 7470A	1,7470A	MJR
Nickel, Total	0.01662		mg/l	0.00200	0.00055	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Potassium, Total	121.		mg/l	0.100	0.0309	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Selenium, Total	0.00496	J	mg/l	0.00500	0.00173	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Sodium, Total	52.9		mg/l	0.100	0.0293	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Thallium, Total	0.00034	J	mg/l	0.00100	0.00014	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.03641		mg/l	0.00500	0.00157	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV
Zinc, Total	0.05431		mg/l	0.01000	0.00341	1	10/06/23 11:56	10/10/23 15:05	EPA 3005A	1,6020B	SMV



Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-05

Date Collected: 10/03/23 13:10

Client ID: RI-MW-01

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.782		mg/l	0.0100	0.00327	1	10/06/23 11:56	10/10/23 18:12	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00041	J	mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Barium, Total	0.1081		mg/l	0.00050	0.00017	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Calcium, Total	292.		mg/l	0.100	0.0394	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Chromium, Total	0.02790		mg/l	0.00100	0.00017	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00055		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Copper, Total	0.00317		mg/l	0.00100	0.00038	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Iron, Total	0.911		mg/l	0.0500	0.0191	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Lead, Total	0.00038	J	mg/l	0.00100	0.00034	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Magnesium, Total	0.952		mg/l	0.0700	0.0242	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Manganese, Total	0.01440		mg/l	0.00100	0.00044	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/06/23 12:55	10/06/23 17:08	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00126	J	mg/l	0.00200	0.00055	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Potassium, Total	64.2		mg/l	0.100	0.0309	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Selenium, Total	0.00219	J	mg/l	0.00500	0.00173	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Sodium, Total	56.0		mg/l	0.100	0.0293	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.00403	J	mg/l	0.00500	0.00157	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV
Zinc, Total	0.00614	J	mg/l	0.01000	0.00341	1	10/06/23 11:56	10/10/23 15:10	EPA 3005A	1,6020B	SMV



Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**SAMPLE RESULTS**

Lab ID: L2358165-06

Date Collected: 10/03/23 12:40

Client ID: RI-MW-04

Date Received: 10/03/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4.68		mg/l	0.0100	0.00327	1	10/06/23 11:56	10/10/23 18:17	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00053	J	mg/l	0.00400	0.00042	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00046	J	mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Barium, Total	0.1136		mg/l	0.00050	0.00017	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Calcium, Total	59.0		mg/l	0.100	0.0394	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00986		mg/l	0.00100	0.00017	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00360		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Copper, Total	0.00637		mg/l	0.00100	0.00038	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Iron, Total	8.08		mg/l	0.0500	0.0191	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Lead, Total	0.00231		mg/l	0.00100	0.00034	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Magnesium, Total	40.6		mg/l	0.0700	0.0242	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Manganese, Total	0.1496		mg/l	0.00100	0.00044	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/06/23 12:55	10/06/23 17:19	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00662		mg/l	0.00200	0.00055	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Potassium, Total	11.6		mg/l	0.100	0.0309	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Selenium, Total	0.00555		mg/l	0.00500	0.00173	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Sodium, Total	23.3		mg/l	0.100	0.0293	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.01176		mg/l	0.00500	0.00157	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV
Zinc, Total	0.02139		mg/l	0.01000	0.00341	1	10/06/23 11:56	10/10/23 15:46	EPA 3005A	1,6020B	SMV



Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358165

Project Number: 12060 / PHASE 7

Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-06 Batch: WG1835674-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/06/23 11:56	10/10/23 17:40	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/06/23 11:56	10/10/23 14:26	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-06 Batch: WG1835675-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/06/23 12:55	10/06/23 16:38	1,7470A	MJR



Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358165

Project Number: 12060 / PHASE 7

Report Date: 10/17/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1835674-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	97		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	91		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	115		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	105		-		80-120	-		
Manganese, Total	108		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	109		-		80-120	-		
Sodium, Total	109		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1835674-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 Batch: WG1835675-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358165

Project Number: 12060 / PHASE 7

Report Date: 10/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835674-3 QC Sample: L2358165-03 Client ID: RI-MW-05												
Aluminum, Total	3.63	2	5.93	115		-	-		75-125	-		20
Antimony, Total	0.00184J	0.5	0.4807	96		-	-		75-125	-		20
Arsenic, Total	0.00034J	0.12	0.1226	102		-	-		75-125	-		20
Barium, Total	0.09285	2	2.033	97		-	-		75-125	-		20
Beryllium, Total	0.00013J	0.05	0.05207	104		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05342	101		-	-		75-125	-		20
Calcium, Total	23.8	10	35.4	116		-	-		75-125	-		20
Chromium, Total	0.01466	0.2	0.2378	112		-	-		75-125	-		20
Cobalt, Total	0.00300	0.5	0.5299	105		-	-		75-125	-		20
Copper, Total	0.00831	0.25	0.2813	109		-	-		75-125	-		20
Iron, Total	6.51	1	7.38	87		-	-		75-125	-		20
Lead, Total	0.00158	0.53	0.5152	97		-	-		75-125	-		20
Magnesium, Total	12.4	10	23.2	108		-	-		75-125	-		20
Manganese, Total	0.1154	0.5	0.6600	109		-	-		75-125	-		20
Nickel, Total	0.00499	0.5	0.5326	106		-	-		75-125	-		20
Potassium, Total	45.3	10	54.4	91		-	-		75-125	-		20
Selenium, Total	0.00183J	0.12	0.121	101		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05328	106		-	-		75-125	-		20
Sodium, Total	41.9	10	52.3	104		-	-		75-125	-		20
Thallium, Total	0.00018J	0.12	0.1153	96		-	-		75-125	-		20
Vanadium, Total	0.01170	0.5	0.5220	102		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358165

Project Number: 12060 / PHASE 7

Report Date: 10/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835674-3 QC Sample: L2358165-03 Client ID: RI-MW-05									
Zinc, Total	0.01866	0.5	0.5304	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835675-3 QC Sample: L2358195-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00449	90	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835674-4 QC Sample: L2358165-03 Client ID: RI-MW-05						
Antimony, Total	0.00184J	0.00226J	mg/l	NC		20
Arsenic, Total	0.00034J	0.00047J	mg/l	NC		20
Barium, Total	0.09285	0.09899	mg/l	6		20
Beryllium, Total	0.00013J	0.00011J	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	23.8	24.3	mg/l	2		20
Chromium, Total	0.01466	0.01514	mg/l	3		20
Cobalt, Total	0.00300	0.00308	mg/l	3		20
Copper, Total	0.00831	0.00869	mg/l	4		20
Iron, Total	6.51	6.82	mg/l	5		20
Lead, Total	0.00158	0.00161	mg/l	2		20
Magnesium, Total	12.4	13.3	mg/l	7		20
Manganese, Total	0.1154	0.1184	mg/l	3		20
Nickel, Total	0.00499	0.00569	mg/l	13		20
Potassium, Total	45.3	45.3	mg/l	0		20
Selenium, Total	0.00183J	0.00195J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	41.9	44.8	mg/l	7		20
Thallium, Total	0.00018J	ND	mg/l	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358165

Report Date: 10/17/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835674-4 QC Sample: L2358165-03 Client ID: RI-MW-05					
Vanadium, Total	0.01170	0.01210	mg/l	3	20
Zinc, Total	0.01866	0.01971	mg/l	5	20
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835674-4 QC Sample: L2358165-03 Client ID: RI-MW-05					
Aluminum, Total	3.63	3.80	mg/l	5	20
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835675-4 QC Sample: L2358195-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2358165
Report Date: 10/17/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835674-6 QC Sample: L2358165-03 Client ID: RI-MW-05						
Barium, Total	0.09285	0.1013	mg/l	9		20
Calcium, Total	23.8	25.1	mg/l	5		20
Iron, Total	6.51	6.87	mg/l	6		20
Magnesium, Total	12.4	13.4	mg/l	8		20
Manganese, Total	0.1154	0.1201	mg/l	4		20
Potassium, Total	45.3	46.6	mg/l	3		20
Sodium, Total	41.9	45.8	mg/l	9		20
Total Metals - Mansfield Lab Associated sample(s): 01,03-06 QC Batch ID: WG1835674-6 QC Sample: L2358165-03 Client ID: RI-MW-05						
Aluminum, Total	3.63	3.55	mg/l	2		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-01
Client ID: FB0231003
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/07/23 08:50	10/09/23 12:05	1,9010C/9012B	JER



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-03
Client ID: RI-MW-05
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 09:30
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/07/23 08:50	10/09/23 12:06	1,9010C/9012B	JER



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-04
Client ID: RI-MW-02
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 11:20
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/07/23 08:50	10/09/23 13:48	1,9010C/9012B	JER



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-05
Client ID: RI-MW-01
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 13:10
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/07/23 08:50	10/09/23 13:49	1,9010C/9012B	JER



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

SAMPLE RESULTS

Lab ID: L2358165-06
Client ID: RI-MW-04
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/03/23 12:40
Date Received: 10/03/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/07/23 08:50	10/09/23 12:09	1,9010C/9012B	JER



Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03-06 Batch: WG1836772-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/07/23 08:50	10/09/23 11:56	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Project Number:** 12060 / PHASE 7**Lab Number:** L2358165**Report Date:** 10/17/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1836772-2 WG1836772-3								
Cyanide, Total	97		106		85-115	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358165

Project Number: 12060 / PHASE 7

Report Date: 10/17/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-06 QC Batch ID: WG1836772-4 WG1836772-5 QC Sample: L2358861-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.294	147	Q	0.295	148	Q	80-120	0		20

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2358165-01A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-01B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-01C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-01D	Plastic 250ml NaOH preserved	A	>12	>12	3.7	Y	Absent		TCN-9010(14)
L2358165-01E	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2358165-01F	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2358165-01G	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2358165-01H	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8081(7)
L2358165-01I	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8081(7)
L2358165-01J	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-01K	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-01L	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-01M	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-01N	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-01O	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-02A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-02B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-03A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Serial_No:10172314:57
Lab Number: L2358165
Report Date: 10/17/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2358165-03B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-03C	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-03D	Plastic 250ml NaOH preserved	B	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2358165-03E	Plastic 250ml HNO3 preserved	B	<2	<2	4.4	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2358165-03F	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2358165-03G	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2358165-03H	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2358165-03I	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2358165-03J	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-03K	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-03L	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-03M	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-03N	Plastic 250ml unpreserved	B	NA		4.4	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-03O	Plastic 250ml unpreserved	B	NA		4.4	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-04A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-04B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-04C	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-04D	Plastic 250ml NaOH preserved	B	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2358165-04E	Plastic 250ml HNO3 preserved	B	<2	<2	4.4	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2358165-04F	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8082-LVI(365)

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2358165-04G	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2358165-04H	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8081(7)
L2358165-04I	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8081(7)
L2358165-04J	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-04K	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-04L	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-04M	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-04N	Plastic 250ml unpreserved	B	NA		4.4	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-04O	Plastic 250ml unpreserved	B	NA		4.4	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-05A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-05B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-05C	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260(14)
L2358165-05D	Plastic 250ml NaOH preserved	B	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2358165-05E	Plastic 250ml HNO3 preserved	B	<2	<2	4.4	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2358165-05F	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2358165-05G	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2358165-05H	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8081(7)
L2358165-05I	Amber 120ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8081(7)
L2358165-05J	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-05K	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-05L	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-05M	Amber 250ml unpreserved	B	12	12	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-05N	Plastic 250ml unpreserved	B	NA		4.4	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-05O	Plastic 250ml unpreserved	B	NA		4.4	Y	Absent		A2-NY-537-ISOTOPE(28)

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Serial_No:10172314:57
Lab Number: L2358165
Report Date: 10/17/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2358165-06A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-06B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-06C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2358165-06D	Plastic 250ml NaOH preserved	A	>12	>12	3.7	Y	Absent		TCN-9010(14)
L2358165-06E	Plastic 500ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2358165-06F	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2358165-06G	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2358165-06H	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8081(7)
L2358165-06I	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8081(7)
L2358165-06J	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-06K	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358165-06L	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-06M	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358165-06N	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358165-06O	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(28)

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Serial_No:10172314:57
Lab Number: L2358165
Report Date: 10/17/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Serial_No:10172314:57
Lab Number: L2358165
Report Date: 10/17/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358165**Project Number:** 12060 / PHASE 7**Report Date:** 10/17/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358165
Report Date: 10/17/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Page 161 of 161



ANALYTICAL REPORT

Lab Number:	L2358656
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY FILLING STATION
Project Number:	12060 / PHASE 7
Report Date:	10/16/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2358656-01	RI-MW-06	WATER	136 CROTON AVE, OSSINING	10/04/23 10:15	10/04/23
L2358656-02	FB-20231004	WATER	136 CROTON AVE, OSSINING	10/04/23 11:00	10/04/23
L2358656-03	TB-20231004	WATER	136 CROTON AVE, OSSINING	10/04/23 00:00	10/04/23

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Case Narrative

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

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

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

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

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

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

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Case Narrative (continued)

Report Submission

October 16, 2023: This final report includes the results of all requested analyses.

October 11, 2023: This is a preliminary report.

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

Total Metals

L2358656-02: The Field Blank has a result for sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1836553-3 MS recoveries for calcium (0%), potassium (0%), and sodium (40%), performed on L2358656-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

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

Authorized Signature:

Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative

Date: 10/16/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 17:46
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	1.8	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.74		ug/l	0.50	0.16	1
Toluene	19		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS****Lab ID:** L2358656-01**Date Collected:** 10/04/23 10:15**Client ID:** RI-MW-06**Date Received:** 10/04/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	0.70	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.70	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	2.0	J	ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	39		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	13		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	4.0	J	ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.5	J	ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS****Lab ID:** L2358656-01**Date Collected:** 10/04/23 10:15**Client ID:** RI-MW-06**Date Received:** 10/04/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	1.1	J	ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	3.2		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	2.0		ug/l	2.0	0.70	1
p-Ethyltoluene	1.4	J	ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	0.93	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	20.5	J	ug/l	1
1-Hexanol, 2-ethyl-	4.02	NJ	ug/l	1
Unknown Benzene	1.19	J	ug/l	1
Unknown Aromatic	2.41	J	ug/l	1
Propene	2.74	NJ	ug/l	1
Hexanal	1.28	NJ	ug/l	1
Unknown Benzene	1.21	J	ug/l	1
Unknown	2.15	J	ug/l	1
Unknown	1.62	J	ug/l	1
Unknown	2.10	J	ug/l	1
Unknown	1.74	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 18:11
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS****Lab ID:** L2358656-02**Date Collected:** 10/04/23 11:00**Client ID:** FB-20231004**Date Received:** 10/04/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-03
Client ID: TB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 00:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 18:36
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS**

Lab ID: L2358656-03
Client ID: TB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 00:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-03
Client ID: TB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 00:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/10/23 09:55
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1837986-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/10/23 09:55
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1837986-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 10/10/23 09:55
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1837986-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/10/23 09:55
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1837986-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1837986-3 WG1837986-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	95		91		63-132	4		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	91		88		63-130	3		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		94		70-130	6		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	96		94		67-130	2		20
trans-1,3-Dichloropropene	96		92		70-130	4		20
cis-1,3-Dichloropropene	96		91		70-130	5		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	85		83		54-136	2		20
1,1,2,2-Tetrachloroethane	100		94		67-130	6		20
Benzene	100		96		70-130	4		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	110		99		64-130	11		20
Bromomethane	71		65		39-139	9		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1837986-3 WG1837986-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	97		91		61-145	6		20
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	110		99		70-130	11		20
1,4-Dichlorobenzene	110		98		70-130	12		20
Methyl tert butyl ether	93		96		63-130	3		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	96		95		70-130	1		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	90		83		36-147	8		20
Acetone	100		100		58-148	0		20
Carbon disulfide	96		90		51-130	6		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	89		77		70-130	14		20
4-Methyl-2-pentanone	99		99		59-130	0		20
2-Hexanone	100		110		57-130	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1837986-3 WG1837986-4								
Bromochloromethane	98		99		70-130	1		20
2,2-Dichloropropane	90		89		63-133	1		20
1,2-Dibromoethane	99		96		70-130	3		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	98		93		64-130	5		20
Bromobenzene	100		96		70-130	4		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		99		70-130	11		20
tert-Butylbenzene	110		99		70-130	11		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		99		70-130	11		20
1,2-Dibromo-3-chloropropane	80		82		41-144	2		20
Hexachlorobutadiene	110		99		63-130	11		20
Isopropylbenzene	100		97		70-130	3		20
p-Isopropyltoluene	100		96		70-130	4		20
Naphthalene	94		90		70-130	4		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	96		92		70-130	4		20
1,2,4-Trichlorobenzene	100		94		70-130	6		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,2,4-Trimethylbenzene	100		97		70-130	3		20
1,4-Dioxane	100		102		56-162	2		20
p-Diethylbenzene	100		94		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358656

Project Number: 12060 / PHASE 7

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1837986-3 WG1837986-4								
p-Ethyltoluene	110		99		70-130	11		20
1,2,4,5-Tetramethylbenzene	100		92		70-130	8		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	100		99		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		104		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	97		99		70-130

SEMIVOLATILES

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/09/23 15:27
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	6.3		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	42.		ug/l	5.0	0.57	1
2-Methylphenol	11.		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	21.		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	32.	J	ug/l	50	2.6	1
Benzyl Alcohol	6.3		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS****Lab ID:** L2358656-01**Date Collected:** 10/04/23 10:15**Client ID:** RI-MW-06**Date Received:** 10/04/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	176	J	ug/l			1
Unknown Organic Acid	6.98	J	ug/l			1
Unknown Alcohol	7.02	J	ug/l			1
Unknown	9.13	J	ug/l			1
Unknown	5.49	J	ug/l			1
Unknown	7.34	J	ug/l			1
Toluene	4.36	NJ	ug/l			1
Unknown	6.33	J	ug/l			1
Unknown Amide	11.7	J	ug/l			1
Unknown	5.02	J	ug/l			1
Unknown	5.74	J	ug/l			1
Unknown	6.22	J	ug/l			1
Unknown	9.05	J	ug/l			1
Unknown	12.2	J	ug/l			1
Unknown	13.6	J	ug/l			1
Unknown	65.7	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	57		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/23 11:49
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.69		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	1.2		ug/l	0.10	0.02	1
Pentachlorophenol	0.09	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	53		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/13/23 12:32
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/11/23 16:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	142.	J	ng/l	144	32.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	38			15-110		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 05:57
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.19		ng/l	1.90	0.388	1
Perfluoropentanoic Acid (PFPeA)	6.05		ng/l	1.90	0.377	1
Perfluorobutanesulfonic Acid (PFBS)	1.40	J	ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	6.28		ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	1.50	J	ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	4.73		ng/l	1.90	0.358	1
Perfluorooctanoic Acid (PFOA)	2.62		ng/l	1.90	0.225	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	26.3		ng/l	1.90	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.655	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.90	0.297	1
Perfluorooctanesulfonic Acid (PFOS)	2.33		ng/l	1.90	0.480	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.90	0.289	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.90	0.617	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.247	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.933	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.552	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.765	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.354	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.311	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.236	1
PFOA/PFOS, Total	4.95		ng/l	1.90	0.225	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS****Lab ID:** L2358656-01**Date Collected:** 10/04/23 10:15**Client ID:** RI-MW-06**Date Received:** 10/04/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro[13C4]Butanoic Acid (MPFBA)	92			58-132		
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113			62-163		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113			70-131		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98			57-129		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98			60-129		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106			71-134		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97			62-129		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140			14-147		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89			59-139		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96			69-131		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85			62-124		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	146			10-162		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87			24-116		
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98			55-137		
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37			10-112		
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95			27-126		
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88			48-131		
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70			22-136		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/11/23 10:03
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/10/23 18:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS****Lab ID:** L2358656-02**Date Collected:** 10/04/23 11:00**Client ID:** FB-20231004**Date Received:** 10/04/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	34.5	J	ug/l	1
Unknown Organic Acid	22.0	J	ug/l	1
Unknown	2.11	J	ug/l	1
Unknown Organic Acid	10.4	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	66		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/23 12:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	76		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/12/23 12:24
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/11/23 19:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	147	33.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	37			15-110		

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 06:30
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.78	0.364	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.78	0.353	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.78	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.335	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.614	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.278	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.78	0.450	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.271	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.578	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.874	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.517	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.717	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.332	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.292	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.221	1
PFOA/PFOS, Total	ND		ng/l	1.78	0.210	1

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS****Lab ID:** L2358656-02**Date Collected:** 10/04/23 11:00**Client ID:** FB-20231004**Date Received:** 10/04/23**Sample Location:** 136 CROTON AVE, OSSINING**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	135		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	118		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	111		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	97		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/23 11:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1837070-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/23 11:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1837070-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/23 11:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1837070-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	77.4	J	ug/l
Unknown	6.94	J	ug/l
Unknown	2.65	J	ug/l
Unknown Amide	2.51	J	ug/l
Unknown	4.44	J	ug/l
Unknown Siloxane	2.47	J	ug/l
Unknown	4.98	J	ug/l
Unknown	8.62	J	ug/l
Unknown Organic Acid	2.22	J	ug/l
Unknown	2.07	J	ug/l
Unknown	5.20	J	ug/l

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/23 11:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1837070-1					

Tentatively Identified Compounds

Unknown	10.4	J	ug/l
Unknown	11.6	J	ug/l
Unknown	2.11	J	ug/l
Unknown	3.24	J	ug/l
Unknown	7.93	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	75		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/23 08:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1837071-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01
Chrysene	0.01	J	ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/23 08:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/23 13:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1837071-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	64		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/10/23 08:16
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 10/09/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1837592-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	1.0	J	ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	0.92	J	ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/10/23 08:16
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 10/09/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1837592-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/10/23 08:16
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 10/09/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1837592-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	160	J	ug/l
Unknown	30.0	J	ug/l
Unknown	6.11	J	ug/l
Unknown Siloxane	6.73	J	ug/l
Unknown	11.2	J	ug/l
Unknown Siloxane	6.25	J	ug/l
Unknown Siloxane	5.42	J	ug/l
Unknown	13.5	J	ug/l
Unknown Siloxane	6.18	J	ug/l
Unknown	5.13	J	ug/l
Unknown	14.3	J	ug/l

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 10/10/23 08:16
 Analyst: MG

Extraction Method: EPA 3510C
 Extraction Date: 10/09/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1837592-1					

Tentatively Identified Compounds

Unknown	13.9	J	ug/l
Unknown	4.51	J	ug/l
Unknown	5.20	J	ug/l
Unknown	7.89	J	ug/l
Unknown	24.0	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	73		41-149

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 02:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02 Batch: WG1837999-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 10/12/23 02:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 10/10/23 16:17

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02 Batch: WG1837999-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	122		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	93		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	90		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/13/23 09:57
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/11/23 16:49

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01 Batch: WG1838479-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/12/23 10:47
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 10/11/23 19:15

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 02 Batch: WG1838550-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1837070-2 WG1837070-3								
Acenaphthene	57		59		37-111	3		30
1,2,4-Trichlorobenzene	60		62		39-98	3		30
Hexachlorobenzene	62		69		40-140	11		30
Bis(2-chloroethyl)ether	56		61		40-140	9		30
2-Chloronaphthalene	66		68		40-140	3		30
1,2-Dichlorobenzene	57		57		40-140	0		30
1,3-Dichlorobenzene	57		55		40-140	4		30
1,4-Dichlorobenzene	55		56		36-97	2		30
3,3'-Dichlorobenzidine	54		60		40-140	11		30
2,4-Dinitrotoluene	76		80		48-143	5		30
2,6-Dinitrotoluene	78		90		40-140	14		30
Fluoranthene	63		69		40-140	9		30
4-Chlorophenyl phenyl ether	64		68		40-140	6		30
4-Bromophenyl phenyl ether	64		72		40-140	12		30
Bis(2-chloroisopropyl)ether	53		58		40-140	9		30
Bis(2-chloroethoxy)methane	62		66		40-140	6		30
Hexachlorobutadiene	60		56		40-140	7		30
Hexachlorocyclopentadiene	63		64		40-140	2		30
Hexachloroethane	56		54		40-140	4		30
Isophorone	62		66		40-140	6		30
Naphthalene	60		64		40-140	6		30
Nitrobenzene	66		68		40-140	3		30
NDPA/DPA	66		70		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1837070-2 WG1837070-3								
n-Nitrosodi-n-propylamine	59		63		29-132	7		30
Bis(2-ethylhexyl)phthalate	83		87		40-140	5		30
Butyl benzyl phthalate	74		81		40-140	9		30
Di-n-butylphthalate	71		76		40-140	7		30
Di-n-octylphthalate	82		88		40-140	7		30
Diethyl phthalate	70		75		40-140	7		30
Dimethyl phthalate	74		81		40-140	9		30
Benzo(a)anthracene	67		71		40-140	6		30
Benzo(a)pyrene	71		76		40-140	7		30
Benzo(b)fluoranthene	66		69		40-140	4		30
Benzo(k)fluoranthene	67		71		40-140	6		30
Chrysene	67		71		40-140	6		30
Acenaphthylene	67		71		45-123	6		30
Anthracene	62		67		40-140	8		30
Benzo(ghi)perylene	70		71		40-140	1		30
Fluorene	63		68		40-140	8		30
Phenanthrene	62		65		40-140	5		30
Dibenzo(a,h)anthracene	70		71		40-140	1		30
Indeno(1,2,3-cd)pyrene	70		70		40-140	0		30
Pyrene	63		68		26-127	8		30
Biphenyl	63		67		40-140	6		30
4-Chloroaniline	61		69		40-140	12		30
2-Nitroaniline	81		91		52-143	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1837070-2 WG1837070-3								
3-Nitroaniline	67		75		25-145	11		30
4-Nitroaniline	68		74		51-143	8		30
Dibenzofuran	61		66		40-140	8		30
2-Methylnaphthalene	64		67		40-140	5		30
1,2,4,5-Tetrachlorobenzene	60		62		2-134	3		30
Acetophenone	58		60		39-129	3		30
2,4,6-Trichlorophenol	77		81		30-130	5		30
p-Chloro-m-cresol	74		78		23-97	5		30
2-Chlorophenol	62		63		27-123	2		30
2,4-Dichlorophenol	71		74		30-130	4		30
2,4-Dimethylphenol	61		64		30-130	5		30
2-Nitrophenol	81		87		30-130	7		30
4-Nitrophenol	67		79		10-80	16		30
2,4-Dinitrophenol	88		95		20-130	8		30
4,6-Dinitro-o-cresol	94		102		20-164	8		30
Pentachlorophenol	60		69		9-103	14		30
Phenol	47		49		12-110	4		30
2-Methylphenol	59		66		30-130	11		30
3-Methylphenol/4-Methylphenol	65		71		30-130	9		30
2,4,5-Trichlorophenol	77		83		30-130	8		30
Benzoic Acid	69		74		10-164	7		30
Benzyl Alcohol	62		64		26-116	3		30
Carbazole	64		70		55-144	9		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1837070-2 WG1837070-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		58		21-120
Phenol-d6	46		51		10-120
Nitrobenzene-d5	68		67		23-120
2-Fluorobiphenyl	67		68		15-120
2,4,6-Tribromophenol	74		82		10-120
4-Terphenyl-d14	67		75		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1837071-2 WG1837071-3								
Acenaphthene	66		63		40-140	5		40
2-Chloronaphthalene	64		62		40-140	3		40
Fluoranthene	74		72		40-140	3		40
Hexachlorobutadiene	62		54		40-140	14		40
Naphthalene	64		60		40-140	6		40
Benzo(a)anthracene	81		79		40-140	3		40
Benzo(a)pyrene	86		83		40-140	4		40
Benzo(b)fluoranthene	82		77		40-140	6		40
Benzo(k)fluoranthene	84		80		40-140	5		40
Chrysene	76		73		40-140	4		40
Acenaphthylene	71		69		40-140	3		40
Anthracene	75		72		40-140	4		40
Benzo(ghi)perylene	79		82		40-140	4		40
Fluorene	69		67		40-140	3		40
Phenanthrene	69		67		40-140	3		40
Dibenzo(a,h)anthracene	77		78		40-140	1		40
Indeno(1,2,3-cd)pyrene	79		82		40-140	4		40
Pyrene	72		70		40-140	3		40
2-Methylnaphthalene	68		65		40-140	5		40
Pentachlorophenol	89		89		40-140	0		40
Hexachlorobenzene	68		65		40-140	5		40
Hexachloroethane	72		62		40-140	15		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1837071-2 WG1837071-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		66		21-120
Phenol-d6	63		62		10-120
Nitrobenzene-d5	94		90		23-120
2-Fluorobiphenyl	64		62		15-120
2,4,6-Tribromophenol	96		92		10-120
4-Terphenyl-d14	61		60		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1837592-2 WG1837592-3								
Acenaphthene	62		57		37-111	8		30
1,2,4-Trichlorobenzene	66		67		39-98	2		30
Hexachlorobenzene	66		63		40-140	5		30
Bis(2-chloroethyl)ether	60		59		40-140	2		30
2-Chloronaphthalene	65		64		40-140	2		30
1,2-Dichlorobenzene	62		91		40-140	38	Q	30
1,3-Dichlorobenzene	64		59		40-140	8		30
1,4-Dichlorobenzene	63		85		36-97	30		30
3,3'-Dichlorobenzidine	67		63		40-140	6		30
2,4-Dinitrotoluene	84		74		48-143	13		30
2,6-Dinitrotoluene	77		75		40-140	3		30
Fluoranthene	70		65		40-140	7		30
4-Chlorophenyl phenyl ether	67		62		40-140	8		30
4-Bromophenyl phenyl ether	70		64		40-140	9		30
Bis(2-chloroisopropyl)ether	54		52		40-140	4		30
Bis(2-chloroethoxy)methane	62		62		40-140	0		30
Hexachlorobutadiene	64		63		40-140	2		30
Hexachlorocyclopentadiene	72		72		40-140	0		30
Hexachloroethane	63		62		40-140	2		30
Isophorone	61		60		40-140	2		30
Naphthalene	64		63		40-140	2		30
Nitrobenzene	66		63		40-140	5		30
NDPA/DPA	67		64		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1837592-2 WG1837592-3								
n-Nitrosodi-n-propylamine	60		60		29-132	0		30
Bis(2-ethylhexyl)phthalate	83		77		40-140	8		30
Butyl benzyl phthalate	78		72		40-140	8		30
Di-n-butylphthalate	71		66		40-140	7		30
Di-n-octylphthalate	85		77		40-140	10		30
Diethyl phthalate	72		66		40-140	9		30
Dimethyl phthalate	70		67		40-140	4		30
Benzo(a)anthracene	73		66		40-140	10		30
Benzo(a)pyrene	80		75		40-140	6		30
Benzo(b)fluoranthene	72		66		40-140	9		30
Benzo(k)fluoranthene	77		70		40-140	10		30
Chrysene	72		68		40-140	6		30
Acenaphthylene	66		64		45-123	3		30
Anthracene	69		64		40-140	8		30
Benzo(ghi)perylene	76		71		40-140	7		30
Fluorene	66		63		40-140	5		30
Phenanthrene	68		62		40-140	9		30
Dibenzo(a,h)anthracene	74		71		40-140	4		30
Indeno(1,2,3-cd)pyrene	80		70		40-140	13		30
Pyrene	71		65		26-127	9		30
Biphenyl	63		62		40-140	2		30
4-Chloroaniline	58		57		40-140	2		30
2-Nitroaniline	78		78		52-143	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1837592-2 WG1837592-3								
3-Nitroaniline	74		65		25-145	13		30
4-Nitroaniline	73		68		51-143	7		30
Dibenzofuran	69		63		40-140	9		30
2-Methylnaphthalene	66		65		40-140	2		30
1,2,4,5-Tetrachlorobenzene	63		63		2-134	0		30
Acetophenone	61		58		39-129	5		30
2,4,6-Trichlorophenol	73		71		30-130	3		30
p-Chloro-m-cresol	68		64		23-97	6		30
2-Chlorophenol	65		61		27-123	6		30
2,4-Dichlorophenol	68		69		30-130	1		30
2,4-Dimethylphenol	67		63		30-130	6		30
2-Nitrophenol	85		83		30-130	2		30
4-Nitrophenol	74		66		10-80	11		30
2,4-Dinitrophenol	90		74		20-130	20		30
4,6-Dinitro-o-cresol	100		94		20-164	6		30
Pentachlorophenol	70		65		9-103	7		30
Phenol	50		46		12-110	8		30
2-Methylphenol	63		59		30-130	7		30
3-Methylphenol/4-Methylphenol	68		64		30-130	6		30
2,4,5-Trichlorophenol	75		72		30-130	4		30
Benzoic Acid	50		44		10-164	13		30
Benzyl Alcohol	61		58		26-116	5		30
Carbazole	69		65		55-144	6		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1837592-2 WG1837592-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		55		21-120
Phenol-d6	46		44		10-120
Nitrobenzene-d5	70		66		23-120
2-Fluorobiphenyl	64		62		15-120
2,4,6-Tribromophenol	79		71		10-120
4-Terphenyl-d14	72		67		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 Batch: WG1837999-2								
Perfluorobutanoic Acid (PFBA)	113		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	108		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	114		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	109		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	101		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	87		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	93		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	122		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	104		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358656

Project Number: 12060 / PHASE 7

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 Batch: WG1837999-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	83				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81				22-136

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01 Batch: WG1838479-2 WG1838479-3								
1,4-Dioxane	113		114		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	34		43		15-110

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 02 Batch: WG1838550-2 WG1838550-3								
1,4-Dioxane	110		112		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	40		40		15-110

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1837999-3 QC Sample: L2357078-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	26.6	38.8	69.6	111	-	-	-	-	67-148	-	-	30
Perfluoropentanoic Acid (PFPeA)	9.74	38.8	51.1	107	-	-	-	-	63-161	-	-	30
Perfluorobutanesulfonic Acid (PFBS)	1.22J	34.4	38.9	109	-	-	-	-	65-157	-	-	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	36.4	35.9	99	-	-	-	-	37-219	-	-	30
Perfluorohexanoic Acid (PFHxA)	1.32J	38.8	42.8	107	-	-	-	-	69-168	-	-	30
Perfluoropentanesulfonic Acid (PFPeS)	ND	36.5	40.6	111	-	-	-	-	52-156	-	-	30
Perfluoroheptanoic Acid (PFHpA)	ND	38.8	41.2	106	-	-	-	-	58-159	-	-	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	35.5	39.1	110	-	-	-	-	69-177	-	-	30
Perfluorooctanoic Acid (PFOA)	ND	38.8	42.4	109	-	-	-	-	63-159	-	-	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.9	37.4	101	-	-	-	-	49-187	-	-	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37	41.9	113	-	-	-	-	61-179	-	-	30
Perfluorononanoic Acid (PFNA)	ND	38.8	43.4	112	-	-	-	-	68-171	-	-	30
Perfluorooctanesulfonic Acid (PFOS)	ND	36	36.2	101	-	-	-	-	52-151	-	-	30
Perfluorodecanoic Acid (PFDA)	ND	38.8	40.3	104	-	-	-	-	63-171	-	-	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.2	53.5	144	-	-	-	-	56-173	-	-	30
Perfluorononanesulfonic Acid (PFNS)	ND	37.3	32.3	86	-	-	-	-	48-150	-	-	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.8	39.9	103	-	-	-	-	60-166	-	-	30
Perfluoroundecanoic Acid (PFUnA)	ND	38.8	39.3	101	-	-	-	-	60-153	-	-	30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.5	38.4	102	-	-	-	-	38-156	-	-	30
Perfluorooctanesulfonamide (FOSA)	ND	38.8	40.8F	105	-	-	-	-	46-170	-	-	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.8	34.7	89	-	-	-	-	45-170	-	-	30
Perfluorododecanoic Acid (PFDoA)	ND	38.8	36.4	94	-	-	-	-	67-153	-	-	30

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1837999-3 QC Sample: L2357078-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38.8	44.8	115		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.8	45.9	118		-	-		59-182	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	83				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	80				12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	88				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107				70-131

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: RI-MW-06						
Perfluorobutanoic Acid (PFBA)	6.19	6.91	ng/l	11		30
Perfluoropentanoic Acid (PFPeA)	6.05	6.32	ng/l	4		30
Perfluorobutanesulfonic Acid (PFBS)	1.40J	1.69J	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	6.28	7.44	ng/l	17		30
Perfluoroheptanoic Acid (PFHpA)	1.50J	1.78J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	4.73	5.30	ng/l	11		30
Perfluorooctanoic Acid (PFOA)	2.62	3.08	ng/l	16		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	26.3	29.2	ng/l	10		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	2.33	2.82	ng/l	19		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1837999-4 QC Sample: L2358656-01 Client ID: RI-MW-06						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		83		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		98		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140		125		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		77		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		79		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		77		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	146		127		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87		77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		84		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		27		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95		87		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		70		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		69		22-136

PCBS

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/08/23 17:26
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/07/23 03:32
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/08/23 17:36
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 10/07/23 03:32
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/23
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/08/23 12:23
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 10/07/23 03:32
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/07/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1836753-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1836753-2 WG1836753-3									
Aroclor 1016	69		66		40-140	6		50	A
Aroclor 1260	66		62		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		58		30-150	A
Decachlorobiphenyl	72		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	B
Decachlorobiphenyl	82		69		30-150	B

PESTICIDES

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/08/23 14:20
Analyst: EJJ

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/08/23 14:32
Analyst: EJJ

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/23 11:14
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1836724-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/08/23 11:14
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 10/06/23 23:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1836724-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	50		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1836724-2 WG1836724-3									
Delta-BHC	65		72		30-150	11		20	A
Lindane	61		65		30-150	6		20	A
Alpha-BHC	67		73		30-150	8		20	A
Beta-BHC	68		70		30-150	3		20	A
Heptachlor	61		66		30-150	9		20	A
Aldrin	59		62		30-150	5		20	A
Heptachlor epoxide	61		64		30-150	5		20	A
Endrin	62		66		30-150	6		20	A
Endrin aldehyde	48		57		30-150	16		20	A
Endrin ketone	63		69		30-150	9		20	A
Dieldrin	65		69		30-150	7		20	A
4,4'-DDE	61		66		30-150	7		20	A
4,4'-DDD	67		71		30-150	5		20	A
4,4'-DDT	69		92		30-150	29	Q	20	A
Endosulfan I	62		75		30-150	19		20	A
Endosulfan II	62		66		30-150	7		20	A
Endosulfan sulfate	55		62		30-150	11		20	A
Methoxychlor	77		85		30-150	11		20	A
cis-Chlordane	56		58		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1836724-2 WG1836724-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		63		30-150	B
Decachlorobiphenyl	52		56		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1836724-2 WG1836724-3									
trans-Chlordane	57		61		30-150	8		20	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		63		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		63		30-150	B
Decachlorobiphenyl	52		56		30-150	B

METALS

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS**

Lab ID: L2358656-01

Date Collected: 10/04/23 10:15

Client ID: RI-MW-06

Date Received: 10/04/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.871		mg/l	0.0100	0.00327	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00071		mg/l	0.00050	0.00016	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Barium, Total	0.3288		mg/l	0.00050	0.00017	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Calcium, Total	333.		mg/l	0.100	0.0394	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Chromium, Total	0.01480		mg/l	0.00100	0.00017	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00075		mg/l	0.00050	0.00016	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Copper, Total	0.07452		mg/l	0.00100	0.00038	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Iron, Total	1.11		mg/l	0.0500	0.0191	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Lead, Total	0.00101		mg/l	0.00100	0.00034	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Magnesium, Total	0.367		mg/l	0.0700	0.0242	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Manganese, Total	0.01496		mg/l	0.00100	0.00044	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/23 08:50	10/09/23 14:02	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00173	J	mg/l	0.00200	0.00055	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Potassium, Total	203.		mg/l	0.100	0.0309	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Sodium, Total	103.		mg/l	0.100	0.0293	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.00466	J	mg/l	0.00500	0.00157	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP
Zinc, Total	0.00389	J	mg/l	0.01000	0.00341	1	10/07/23 06:02	10/11/23 00:16	EPA 3005A	1,6020B	WKP



Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**SAMPLE RESULTS**

Lab ID: L2358656-02

Date Collected: 10/04/23 11:00

Client ID: FB-20231004

Date Received: 10/04/23

Sample Location: 136 CROTON AVE, OSSINING

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Barium, Total	0.00049	J	mg/l	0.00050	0.00017	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Calcium, Total	0.0590	J	mg/l	0.100	0.0394	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00023	J	mg/l	0.00100	0.00017	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/23 08:50	10/09/23 14:05	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Potassium, Total	0.0643	J	mg/l	0.100	0.0309	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Sodium, Total	0.186		mg/l	0.100	0.0293	1	10/07/23 06:02	10/11/23 07:37	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/07/23 06:02	10/11/23 00:21	EPA 3005A	1,6020B	WKP



Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358656

Project Number: 12060 / PHASE 7

Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1836553-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/07/23 06:02	10/10/23 23:12	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1836554-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/23 08:50	10/09/23 13:22	1,7470A	MJR



Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358656

Project Number: 12060 / PHASE 7

Report Date: 10/16/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1836553-2								
Aluminum, Total	99		-		80-120	-		
Antimony, Total	99		-		80-120	-		
Arsenic, Total	107		-		80-120	-		
Barium, Total	101		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	102		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	98		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	105		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	111		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1836553-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1836554-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358656

Project Number: 12060 / PHASE 7

Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02			QC Batch ID: WG1836553-3			QC Sample: L2358656-01			Client ID: RI-MW-06			
Aluminum, Total	0.871	2	2.89	101		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.5203	104		-	-		75-125	-		20
Arsenic, Total	0.00071	0.12	0.1344	111		-	-		75-125	-		20
Barium, Total	0.3288	2	2.387	103		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05139	103		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05595	106		-	-		75-125	-		20
Calcium, Total	333.	10	313	0	Q	-	-		75-125	-		20
Chromium, Total	0.01480	0.2	0.2201	103		-	-		75-125	-		20
Cobalt, Total	0.00075	0.5	0.5111	102		-	-		75-125	-		20
Copper, Total	0.07452	0.25	0.3412	107		-	-		75-125	-		20
Iron, Total	1.11	1	2.09	98		-	-		75-125	-		20
Lead, Total	0.00101	0.53	0.5621	106		-	-		75-125	-		20
Magnesium, Total	0.367	10	10.3	99		-	-		75-125	-		20
Manganese, Total	0.01496	0.5	0.5290	103		-	-		75-125	-		20
Nickel, Total	0.00173J	0.5	0.5082	102		-	-		75-125	-		20
Potassium, Total	203.	10	196	0	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.124	103		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05522	110		-	-		75-125	-		20
Sodium, Total	103.	10	107	40	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1223	102		-	-		75-125	-		20
Vanadium, Total	0.00466J	0.5	0.5150	103		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02			QC Batch ID: WG1836553-3		QC Sample: L2358656-01		Client ID: RI-MW-06		
Zinc, Total	0.00389J	0.5	0.5264	105	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02			QC Batch ID: WG1836554-3		QC Sample: L2357846-01		Client ID: MS Sample		
Mercury, Total	ND	0.005	0.00484	97	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1836553-4 QC Sample: L2358656-01 Client ID: RI-MW-06						
Aluminum, Total	0.871	0.880	mg/l	1		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.00071	0.00072	mg/l	1		20
Barium, Total	0.3288	0.3173	mg/l	4		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	333.	322	mg/l	3		20
Chromium, Total	0.01480	0.01461	mg/l	1		20
Cobalt, Total	0.00075	0.00077	mg/l	2		20
Copper, Total	0.07452	0.07252	mg/l	3		20
Iron, Total	1.11	1.10	mg/l	1		20
Lead, Total	0.00101	0.00090J	mg/l	NC		20
Magnesium, Total	0.367	0.369	mg/l	1		20
Manganese, Total	0.01496	0.01463	mg/l	2		20
Nickel, Total	0.00173J	0.00166J	mg/l	NC		20
Potassium, Total	203.	198	mg/l	2		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	103.	102	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1836553-4 QC Sample: L2358656-01 Client ID: RI-MW-06					
Thallium, Total	ND	0.00022J	mg/l	NC	20
Vanadium, Total	0.00466J	0.00463J	mg/l	NC	20
Zinc, Total	0.00389J	0.00365J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1836554-4 QC Sample: L2357846-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: SUN VALLEY FILLING STATION

Project Number: 12060 / PHASE 7

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2358656

Report Date: 10/16/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1836553-6 QC Sample: L2358656-01 Client ID: RI-MW-06						
Aluminum, Total	0.871	0.883	mg/l	1		20
Barium, Total	0.3288	0.3175	mg/l	3		20
Calcium, Total	333.	321.	mg/l	4		20
Copper, Total	0.07452	0.07559	mg/l	1		20
Potassium, Total	203.	197.	mg/l	3		20
Sodium, Total	103.	101.	mg/l	2		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-01
Client ID: RI-MW-06
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 10:15
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/09/23 19:15	10/10/23 12:44	1,9010C/9012B	JER



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2358656-02
Client ID: FB-20231004
Sample Location: 136 CROTON AVE, OSSINING

Date Collected: 10/04/23 11:00
Date Received: 10/04/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.001	J	mg/l	0.005	0.001	1	10/09/23 19:15	10/10/23 12:46	1,9010C/9012B	JER



Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1837427-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/09/23 19:15	10/10/23 12:35	1,9010C/9012B	JER

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY FILLING STATION**Project Number:** 12060 / PHASE 7**Lab Number:** L2358656**Report Date:** 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1837427-2 WG1837427-3								
Cyanide, Total	103		99		85-115	4		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY FILLING STATION

Lab Number: L2358656

Project Number: 12060 / PHASE 7

Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1837427-4 WG1837427-5 QC Sample: L2358263-04 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.283	142	Q	0.263	132	Q	80-120	7		20

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Serial_No:10162309:06
Lab Number: L2358656
Report Date: 10/16/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2358656-01A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2358656-01B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2358656-01C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2358656-01D	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2358656-01E	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2358656-01F	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2358656-01G	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2358656-01H	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2358656-01I	Plastic 250ml NaOH preserved	A	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2358656-01J	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358656-01K	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358656-01L	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358656-01M	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358656-01N	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358656-01O	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358656-02A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2358656-02B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2358656-02C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2358656-02D	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2358656-02E	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2358656-02F	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2358656-02G	Amber 120ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2358656-02H	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2358656-02I	Plastic 250ml NaOH preserved	A	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2358656-02J	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358656-02K	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2358656-02L	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358656-02M	Amber 250ml unpreserved	A	7	7	2.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2358656-02N	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(28)
L2358656-03A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2358656-03B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Serial_No:10162309:06
Lab Number: L2358656
Report Date: 10/16/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSA's)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEEA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Serial_No:10162309:06
Lab Number: L2358656
Report Date: 10/16/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: SUN VALLEY FILLING STATION**Lab Number:** L2358656**Project Number:** 12060 / PHASE 7**Report Date:** 10/16/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SUN VALLEY FILLING STATION
Project Number: 12060 / PHASE 7

Lab Number: L2358656
Report Date: 10/16/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA Job # L2358656

Total Bottles

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

Ossining Investigation, 136-140 Croton Avenue, Ossining, NY

12060

SGS Job Number: JD87013

Sampling Date: 04/22/24

Report to:

kelly.ramos@sgs.com
fd@sesi.org
monica.norton@sesi.org

ATTN: Distribution4

Total number of pages in report: 34



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CO, CT, FL, HI, IL, IN, KY, LA (120428), MA, MD, ME, MN, NC, NH, NV, AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX (T104704234), UT, VA, WA, WV

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Test results relate only to samples analyzed.

Sample Summary

SESI Consulting Engineers

Job No: JD87013

Ossining Investigation, 136-140 Croton Avenue, Ossining, NY
Project No: 12060

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

JD87013-1	04/22/24	18:10	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-01
JD87013-2	04/22/24	12:37	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-02
JD87013-3	04/22/24	12:19	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-03
JD87013-4	04/22/24	12:54	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-04
JD87013-5	04/22/24	12:40	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-05
JD87013-6	04/22/24	13:27	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-07
JD87013-7	04/22/24	12:58	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-08
JD87013-8	04/22/24	12:24	RR	04/22/24	AIR	Soil Vapor Comp.	RI-SV-09
JD87013-9	04/22/24	12:11	RR	04/22/24	AIR	Ambient Air Comp.	RI-AA-02

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-01	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-1	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1440,A488,A431	Percent Solids:	n/a
Method:	TO-15		
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06413.D	236	04/25/24 15:51	TS	n/a	n/a	V7W242
Run #2	7W06415.D	472	04/25/24 16:58	TS	n/a	n/a	V7W242

	Initial Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	ND	3800	2700	ppbv		ND	9000	6400	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	3800	1600	ppbv		ND	8400	3500	ug/m3
71-43-2	78.11	Benzene	218000	3800	450	ppbv		696000	12000	1400	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1900	570	ppbv		ND	13000	3800	ug/m3
75-25-2	252.8	Bromoform ^a	ND	760	1300	ppbv		ND	7900	13000	ug/m3
74-83-9	94.94	Bromomethane	ND	3800	1300	ppbv		ND	15000	5000	ug/m3
593-60-2	106.9	Bromoethene	ND	3800	1200	ppbv		ND	17000	5200	ug/m3
100-44-7	126	Benzyl Chloride	ND	3800	2400	ppbv		ND	20000	12000	ug/m3
75-15-0	76.14	Carbon disulfide	ND	3800	850	ppbv		ND	12000	2600	ug/m3
108-90-7	112.6	Chlorobenzene	ND	3800	1400	ppbv		ND	18000	6400	ug/m3
75-00-3	64.52	Chloroethane	ND	3800	1300	ppbv		ND	10000	3400	ug/m3
67-66-3	119.4	Chloroform	ND	3800	700	ppbv		ND	19000	3400	ug/m3
74-87-3	50.49	Chloromethane	ND	3800	1700	ppbv		ND	7800	3500	ug/m3
107-05-1	76.53	3-Chloropropene	ND	3800	1600	ppbv		ND	12000	5000	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	3800	1400	ppbv		ND	20000	7200	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	760	760	ppbv		ND	4800	4800	ug/m3
110-82-7	84.16	Cyclohexane	86400	3800	850	ppbv		297000	13000	2900	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	3800	1100	ppbv		ND	15000	4500	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	760	1100	ppbv		ND	3000	4400	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	1900	570	ppbv		ND	15000	4400	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	3800	1300	ppbv		ND	15000	5300	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	3800	1200	ppbv		ND	18000	5500	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	3800	2200	ppbv		ND	14000	7900	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	3800	2000	ppbv		ND	19000	9900	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1900	980	ppbv		ND	16000	8300	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	3800	530	ppbv		ND	15000	2100	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	760	570	ppbv		ND	3000	2300	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	3800	1200	ppbv		ND	17000	5400	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1900	760	ppbv		ND	11000	4600	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	760	1300	ppbv		ND	4600	7800	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1900	1500	ppbv		ND	11000	9000	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	3800	1900	ppbv		ND	17000	8600	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-01		
Lab Sample ID:	JD87013-1	Date Sampled:	04/22/24
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1440,A488,A431	Date Received: 04/22/24
Method:	TO-15	Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	ND	9400	7400	ppbv		ND	18000	14000	ug/m3
100-41-4	106.2	Ethylbenzene	101000	3800	1200	ppbv		439000	17000	5200	ug/m3
141-78-6	88	Ethyl Acetate	ND	3800	2000	ppbv		ND	14000	7200	ug/m3
622-96-8	120.19	4-Ethyltoluene	3970	3800	1800	ppbv		19500	19000	8800	ug/m3
76-13-1	187.4	Freon 113	ND	1900	590	ppbv		ND	15000	4500	ug/m3
76-14-2	170.9	Freon 114	ND	1900	940	ppbv		ND	13000	6600	ug/m3
142-82-5	100.2	Heptane	451000	3800	850	ppbv		1850000	16000	3500	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1700	1200	ppbv		ND	18000	13000	ug/m3
110-54-3	86.18	Hexane	494000	3800	980	ppbv		1740000	13000	3500	ug/m3
591-78-6	100	2-Hexanone	ND	3800	2700	ppbv		ND	16000	11000	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	3800	2700	ppbv		ND	9300	6600	ug/m3
75-09-2	84.94	Methylene chloride	ND	3800	1100	ppbv		ND	13000	3800	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	3800	2100	ppbv		ND	11000	6200	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	3800	1400	ppbv		ND	16000	5700	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	3800	1500	ppbv		ND	14000	5400	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	3800	1300	ppbv		ND	16000	5300	ug/m3
115-07-1	42	Propylene	ND	9400	2700	ppbv		ND	16000	4600	ug/m3
100-42-5	104.1	Styrene	ND	3800	1000	ppbv		ND	16000	4300	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1900	700	ppbv		ND	10000	3800	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	1900	910	ppbv		ND	13000	6200	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1900	720	ppbv		ND	10000	3900	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1900	2300	ppbv		ND	14000	17000	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	6260	3800	1600	ppbv		30800	19000	7900	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	3020	3800	1500	ppbv	J	14800	19000	7400	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	163000	3800	760	ppbv		761000	18000	3500	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	3800	1800	ppbv		ND	12000	5500	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	760	260	ppbv		ND	5200	1800	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	3800	1700	ppbv		ND	11000	5000	ug/m3
108-88-3	92.14	Toluene	1490000 ^b	7600	2200	ppbv		5620000 ^b	29000	8300	ug/m3
79-01-6	131.4	Trichloroethylene	ND	760	360	ppbv		ND	4100	1900	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1900	2900	ppbv		ND	11000	16000	ug/m3
75-01-4	62.5	Vinyl chloride	ND	760	1300	ppbv		ND	1900	3300	ug/m3
108-05-4	86	Vinyl Acetate	ND	3800	2100	ppbv		ND	13000	7400	ug/m3
	106.2	m,p-Xylene	246000	3800	2600	ppbv		1070000	17000	11000	ug/m3
95-47-6	106.2	o-Xylene	68100	3800	1500	ppbv		296000	17000	6500	ug/m3
1330-20-7	106.2	Xylenes (total)	314000	3800	1500	ppbv		1370000	17000	6500	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%	86%	65-128%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-02		
Lab Sample ID:	JD87013-2	Date Sampled:	04/22/24
Matrix:	AIR - Soil Vapor Comp.	Date Received:	04/22/24
Method:	TO-15	Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06395.D	266	04/25/24 00:04	TS	n/a	n/a	V7W240
Run #2	7W06414.D	266	04/25/24 16:24	TS	n/a	n/a	V7W242

	Initial Volume
Run #1	50.0 ml
Run #2	10.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	ND	430	310	ppbv		ND	1000	740	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	430	180	ppbv		ND	950	400	ug/m3
71-43-2	78.11	Benzene	8650	430	51	ppbv		27600	1400	160	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	210	64	ppbv		ND	1400	430	ug/m3
75-25-2	252.8	Bromoform ^a	ND	85	150	ppbv		ND	880	1600	ug/m3
74-83-9	94.94	Bromomethane	ND	430	150	ppbv		ND	1700	580	ug/m3
593-60-2	106.9	Bromoethene	ND	430	130	ppbv		ND	1900	570	ug/m3
100-44-7	126	Benzyl Chloride	ND	430	270	ppbv		ND	2200	1400	ug/m3
75-15-0	76.14	Carbon disulfide	ND	430	96	ppbv		ND	1300	300	ug/m3
108-90-7	112.6	Chlorobenzene	ND	430	160	ppbv		ND	2000	740	ug/m3
75-00-3	64.52	Chloroethane	ND	430	140	ppbv		ND	1100	370	ug/m3
67-66-3	119.4	Chloroform	ND	430	79	ppbv		ND	2100	390	ug/m3
74-87-3	50.49	Chloromethane	ND	430	190	ppbv		ND	890	390	ug/m3
107-05-1	76.53	3-Chloropropene	ND	430	180	ppbv		ND	1300	560	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	430	150	ppbv		ND	2200	780	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	85	85	ppbv		ND	530	530	ug/m3
110-82-7	84.16	Cyclohexane	53900	430	96	ppbv		186000	1500	330	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	430	120	ppbv		ND	1700	490	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	85	130	ppbv		ND	340	520	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	210	64	ppbv		ND	1600	490	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	430	150	ppbv		ND	1700	610	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	430	130	ppbv		ND	2000	600	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	430	250	ppbv		ND	1500	900	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	430	220	ppbv		ND	2100	1100	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	210	110	ppbv		ND	1800	940	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	430	60	ppbv		ND	1700	240	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	85	64	ppbv		ND	340	250	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	430	130	ppbv		ND	2000	590	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	210	85	ppbv		ND	1300	510	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	85	150	ppbv		ND	510	900	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	210	170	ppbv		ND	1300	1000	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	430	210	ppbv		ND	2000	950	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-02		
Lab Sample ID:	JD87013-2		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1949,M419	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	ND	1100	840	ppbv		ND	2100	1600	ug/m3
100-41-4	106.2	Ethylbenzene	3710	430	130	ppbv		16100	1900	560	ug/m3
141-78-6	88	Ethyl Acetate	ND	430	220	ppbv		ND	1500	790	ug/m3
622-96-8	120.19	4-Ethyltoluene	995	430	200	ppbv		4890	2100	980	ug/m3
76-13-1	187.4	Freon 113	ND	210	66	ppbv		ND	1600	510	ug/m3
76-14-2	170.9	Freon 114	ND	210	110	ppbv		ND	1500	770	ug/m3
142-82-5	100.2	Heptane	74800	430	96	ppbv		307000	1800	390	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	190	130	ppbv		ND	2000	1400	ug/m3
110-54-3	86.18	Hexane	199000 ^b	2100	550	ppbv		701000 ^b	7400	1900	ug/m3
591-78-6	100	2-Hexanone	ND	430	310	ppbv		ND	1800	1300	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	430	300	ppbv		ND	1100	740	ug/m3
75-09-2	84.94	Methylene chloride	ND	430	120	ppbv		ND	1500	420	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	430	230	ppbv		ND	1300	680	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	1350	430	160	ppbv		5530	1800	660	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	430	170	ppbv		ND	1600	610	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	430	150	ppbv		ND	1800	610	ug/m3
115-07-1	42	Propylene	563	1100	300	ppbv	J	967	1900	520	ug/m3
100-42-5	104.1	Styrene	ND	430	110	ppbv		ND	1800	470	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	210	79	ppbv		ND	1100	430	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	210	100	ppbv		ND	1400	690	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	210	81	ppbv		ND	1100	440	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	210	260	ppbv		ND	1600	1900	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	2240	430	190	ppbv		11000	2100	930	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	1240	430	170	ppbv		6100	2100	840	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	362000 ^b	2100	430	ppbv		1690000 ^b	9800	2000	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	430	200	ppbv		ND	1300	610	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	85	30	ppbv		ND	580	200	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	430	190	ppbv		ND	1300	560	ug/m3
108-88-3	92.14	Toluene	3480	430	120	ppbv		13100	1600	450	ug/m3
79-01-6	131.4	Trichloroethylene	ND	85	40	ppbv		ND	460	210	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	210	330	ppbv		ND	1200	1900	ug/m3
75-01-4	62.5	Vinyl chloride	ND	85	150	ppbv		ND	220	380	ug/m3
108-05-4	86	Vinyl Acetate	ND	430	240	ppbv		ND	1500	840	ug/m3
	106.2	m,p-Xylene	15400	430	300	ppbv		66900	1900	1300	ug/m3
95-47-6	106.2	o-Xylene	5920	430	160	ppbv		25700	1900	690	ug/m3
1330-20-7	106.2	Xylenes (total)	21300	430	160	ppbv		92600	1900	690	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%	85%	65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-SV-02	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-2	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1949,M419	Percent Solids:	n/a
Method:	TO-15		
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

- (a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-03		
Lab Sample ID:	JD87013-3		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1398	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06387.D	1	04/24/24 19:21	TS	n/a	n/a	V7W240
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	3.1	0.80	0.58	ppbv		7.4	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform ^a	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.66	0.80	0.36	ppbv	J	1.4	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-03		
Lab Sample ID:	JD87013-3		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1398	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	19.5	2.0	1.6	ppbv		36.7	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	0.99	0.80	0.42	ppbv		3.6	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	ND	0.80	0.21	ppbv		ND	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.3	0.80	0.56	ppbv		3.2	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.44	ppbv		ND	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	5.0	2.0	0.57	ppbv		8.6	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.62	ppbv		ND	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-SV-03	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-3	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1398	Percent Solids:	n/a
Method:	TO-15		
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-04		
Lab Sample ID:	JD87013-4		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1424	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06388.D	1	04/24/24 19:57	TS	n/a	n/a	V7W240
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	40.7	0.80	0.58	ppbv		96.7	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	2.3	0.80	0.34	ppbv		5.1	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	2.6	0.80	0.096	ppbv		8.3	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform ^a	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	2.1	0.80	0.18	ppbv		6.5	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	10.8	0.80	0.18	ppbv		37.2	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-04		
Lab Sample ID:	JD87013-4		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1424	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	18.1	2.0	1.6	ppbv		34.1	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	22.3	0.80	0.24	ppbv		96.9	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	5.9	0.80	0.42	ppbv		21	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	9.1	0.80	0.38	ppbv		45	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	17.6	0.80	0.18	ppbv		72.1	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	9.2	0.80	0.21	ppbv		32	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.9	0.80	0.44	ppbv		12	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	1.0	0.80	0.29	ppbv		4.1	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	21.8	2.0	0.57	ppbv		37.4	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	1.2	0.80	0.21	ppbv		5.1	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	23.5	0.80	0.35	ppbv		116	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	8.5	0.80	0.32	ppbv		42	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	28.4	0.80	0.16	ppbv		133	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.91	0.80	0.37	ppbv		2.8	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	1.2	0.80	0.36	ppbv		3.5	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	23.8	0.80	0.23	ppbv		89.7	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.62	ppbv		ND	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	88.0	0.80	0.56	ppbv		382	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	34.2	0.80	0.31	ppbv		149	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	122	0.80	0.31	ppbv		531	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-SV-04	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-4	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1424	Percent Solids:	n/a
Method:	TO-15		
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-05		
Lab Sample ID:	JD87013-5		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1934	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06389.D	1	04/24/24 20:32	TS	n/a	n/a	V7W240
Run #2	3W86219.D	1	04/25/24 14:35	TS	n/a	n/a	V3W3397

	Initial Volume
Run #1	50.0 ml
Run #2	20.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	110	1.6	1.2	ppbv		261	3.8	2.9	ug/m3
106-99-0	54.09	1,3-Butadiene	40.2	1.6	0.67	ppbv		88.9	3.5	1.5	ug/m3
71-43-2	78.11	Benzene	6.3	1.6	0.19	ppbv		20	5.1	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.24	ppbv		ND	5.4	1.6	ug/m3
75-25-2	252.8	Bromoform ^a	ND	0.32	0.57	ppbv		ND	3.3	5.9	ug/m3
74-83-9	94.94	Bromomethane	ND	1.6	0.55	ppbv		ND	6.2	2.1	ug/m3
593-60-2	106.9	Bromoethene	ND	1.6	0.49	ppbv		ND	7.0	2.1	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.6	1.0	ppbv		ND	8.2	5.2	ug/m3
75-15-0	76.14	Carbon disulfide	4.0	1.6	0.36	ppbv		12	5.0	1.1	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.6	0.59	ppbv		ND	7.4	2.7	ug/m3
75-00-3	64.52	Chloroethane	ND	1.6	0.54	ppbv		ND	4.2	1.4	ug/m3
67-66-3	119.4	Chloroform	ND	1.6	0.30	ppbv		ND	7.8	1.5	ug/m3
74-87-3	50.49	Chloromethane	ND	1.6	0.72	ppbv		ND	3.3	1.5	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.6	0.66	ppbv		ND	5.0	2.1	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.6	0.58	ppbv		ND	8.3	3.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.32	0.32	ppbv		ND	2.0	2.0	ug/m3
110-82-7	84.16	Cyclohexane	0.91	1.6	0.36	ppbv	J	3.1	5.5	1.2	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	0.46	ppbv		ND	6.5	1.9	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.32	0.47	ppbv		ND	1.3	1.9	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.80	0.24	ppbv		ND	6.1	1.8	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	0.56	ppbv		ND	6.5	2.3	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.6	0.50	ppbv		ND	7.4	2.3	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	1.6	0.94	ppbv		ND	5.8	3.4	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	1.6	0.83	ppbv		ND	7.9	4.1	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	0.80	0.42	ppbv		ND	6.8	3.6	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	0.22	ppbv		ND	6.3	0.87	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.32	0.24	ppbv		ND	1.3	0.95	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	0.50	ppbv		ND	7.3	2.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	1.9	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.32	0.55	ppbv		ND	1.9	3.3	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.63	ppbv		ND	4.8	3.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	0.81	ppbv		ND	7.3	3.7	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-05		
Lab Sample ID:	JD87013-5		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1934	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	14.9	4.0	3.2	ppbv		28.1	7.5	6.0	ug/m3
100-41-4	106.2	Ethylbenzene	6.5	1.6	0.49	ppbv		28	6.9	2.1	ug/m3
141-78-6	88	Ethyl Acetate	2.8	1.6	0.83	ppbv		10	5.8	3.0	ug/m3
622-96-8	120.19	4-Ethyltoluene	1.8	1.6	0.76	ppbv		8.8	7.9	3.7	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.25	ppbv		ND	6.1	1.9	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.40	ppbv		ND	5.6	2.8	ug/m3
142-82-5	100.2	Heptane	5.2	1.6	0.36	ppbv		21	6.6	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.72	0.50	ppbv		ND	7.7	5.3	ug/m3
110-54-3	86.18	Hexane	8.8	1.6	0.42	ppbv		31	5.6	1.5	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	1.2	ppbv		ND	6.5	4.9	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.8	1.6	1.1	ppbv		4.4	3.9	2.7	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	0.45	ppbv		ND	5.6	1.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.0	1.6	0.88	ppbv		8.8	4.7	2.6	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	1.6	0.58	ppbv		ND	6.6	2.4	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	0.64	ppbv		ND	5.8	2.3	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	1.6	0.56	ppbv		ND	6.6	2.3	ug/m3
115-07-1	42	Propylene	521 ^b	10	2.8	ppbv		895 ^b	17	4.8	ug/m3
100-42-5	104.1	Styrene	ND	1.6	0.42	ppbv		ND	6.8	1.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.30	ppbv		ND	4.4	1.6	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.80	0.38	ppbv		ND	5.5	2.6	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.30	ppbv		ND	4.4	1.6	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.97	ppbv		ND	5.9	7.2	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	6.0	1.6	0.70	ppbv		29	7.9	3.4	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	1.6	1.6	0.64	ppbv		7.9	7.9	3.1	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.89	1.6	0.32	ppbv	J	4.2	7.5	1.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.3	1.6	0.74	ppbv		7.0	4.9	2.2	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.32	0.11	ppbv		ND	2.2	0.75	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	0.72	ppbv		ND	4.7	2.1	ug/m3
108-88-3	92.14	Toluene	16.3	1.6	0.46	ppbv		61.4	6.0	1.7	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.32	0.15	ppbv		ND	1.7	0.81	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	1.2	ppbv		ND	4.5	6.7	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.32	0.55	ppbv		ND	0.82	1.4	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	0.90	ppbv		ND	5.6	3.2	ug/m3
	106.2	m,p-Xylene	21.5	1.6	1.1	ppbv		93.4	6.9	4.8	ug/m3
95-47-6	106.2	o-Xylene	7.1	1.6	0.62	ppbv		31	6.9	2.7	ug/m3
1330-20-7	106.2	Xylenes (total)	28.6	1.6	0.62	ppbv		124	6.9	2.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%	93%	65-128%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-SV-05	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-5	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	A1934
Method:	TO-15	Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

- (a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-07		
Lab Sample ID:	JD87013-6	Date Sampled:	04/22/24
Matrix:	AIR - Soil Vapor Comp.	Date Received:	04/22/24
Method:	TO-15	Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06390.D	1	04/24/24 21:08	TS	n/a	n/a	V7W240
Run #2							

	Initial Volume
Run #1	5.0 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	75.2	16	12	ppbv		179	38	29	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	16	6.7	ppbv		ND	35	15	ug/m3
71-43-2	78.11	Benzene	271	16	1.9	ppbv		866	51	6.1	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	8.0	2.4	ppbv		ND	54	16	ug/m3
75-25-2	252.8	Bromoform ^a	ND	3.2	5.7	ppbv		ND	33	59	ug/m3
74-83-9	94.94	Bromomethane	ND	16	5.5	ppbv		ND	62	21	ug/m3
593-60-2	106.9	Bromoethene	ND	16	4.9	ppbv		ND	70	21	ug/m3
100-44-7	126	Benzyl Chloride	ND	16	10	ppbv		ND	82	52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	16	3.6	ppbv		ND	50	11	ug/m3
108-90-7	112.6	Chlorobenzene	ND	16	5.9	ppbv		ND	74	27	ug/m3
75-00-3	64.52	Chloroethane	ND	16	5.4	ppbv		ND	42	14	ug/m3
67-66-3	119.4	Chloroform	ND	16	3.0	ppbv		ND	78	15	ug/m3
74-87-3	50.49	Chloromethane	ND	16	7.2	ppbv		ND	33	15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	16	6.6	ppbv		ND	50	21	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	16	5.8	ppbv		ND	83	30	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	3.2	3.2	ppbv		ND	20	20	ug/m3
110-82-7	84.16	Cyclohexane	128	16	3.6	ppbv		441	55	12	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	16	4.6	ppbv		ND	65	19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	3.2	4.7	ppbv		ND	13	19	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	8.0	2.4	ppbv		ND	61	18	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	16	5.6	ppbv		ND	65	23	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	16	5.0	ppbv		ND	74	23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	16	9.4	ppbv		ND	58	34	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	16	8.3	ppbv		ND	79	41	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	8.0	4.2	ppbv		ND	68	36	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	16	2.2	ppbv		ND	63	8.7	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	3.2	2.4	ppbv		ND	13	9.5	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	16	5.0	ppbv		ND	73	23	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	8.0	3.2	ppbv		ND	48	19	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	3.2	5.5	ppbv		ND	19	33	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	8.0	6.3	ppbv		ND	48	38	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	16	8.1	ppbv		ND	73	37	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-07		
Lab Sample ID:	JD87013-6		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1401	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	41.5	40	32	ppbv		78.2	75	60	ug/m3
100-41-4	106.2	Ethylbenzene	453	16	4.9	ppbv		1970	69	21	ug/m3
141-78-6	88	Ethyl Acetate	ND	16	8.3	ppbv		ND	58	30	ug/m3
622-96-8	120.19	4-Ethyltoluene	90.6	16	7.6	ppbv		445	79	37	ug/m3
76-13-1	187.4	Freon 113	ND	8.0	2.5	ppbv		ND	61	19	ug/m3
76-14-2	170.9	Freon 114	ND	8.0	4.0	ppbv		ND	56	28	ug/m3
142-82-5	100.2	Heptane	1150	16	3.6	ppbv		4710	66	15	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	7.2	5.0	ppbv		ND	77	53	ug/m3
110-54-3	86.18	Hexane	382	16	4.2	ppbv		1350	56	15	ug/m3
591-78-6	100	2-Hexanone	ND	16	12	ppbv		ND	65	49	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	16	11	ppbv		ND	39	27	ug/m3
75-09-2	84.94	Methylene chloride	ND	16	4.5	ppbv		ND	56	16	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	16	8.8	ppbv		ND	47	26	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	9.5	16	5.8	ppbv	J	39	66	24	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	16	6.4	ppbv		ND	58	23	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	16	5.6	ppbv		ND	66	23	ug/m3
115-07-1	42	Propylene	48.1	40	11	ppbv		82.6	69	19	ug/m3
100-42-5	104.1	Styrene	ND	16	4.2	ppbv		ND	68	18	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	8.0	3.0	ppbv		ND	44	16	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	8.0	3.8	ppbv		ND	55	26	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	8.0	3.0	ppbv		ND	44	16	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	8.0	9.7	ppbv		ND	59	72	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	212	16	7.0	ppbv		1040	79	34	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	79.4	16	6.4	ppbv		390	79	31	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	293	16	3.2	ppbv		1370	75	15	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	16	7.4	ppbv		ND	49	22	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	3.2	1.1	ppbv		ND	22	7.5	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	16	7.2	ppbv		ND	47	21	ug/m3
108-88-3	92.14	Toluene	2860	16	4.6	ppbv		10800	60	17	ug/m3
79-01-6	131.4	Trichloroethylene	ND	3.2	1.5	ppbv		ND	17	8.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	8.0	12	ppbv		ND	45	67	ug/m3
75-01-4	62.5	Vinyl chloride	ND	3.2	5.5	ppbv		ND	8.2	14	ug/m3
108-05-4	86	Vinyl Acetate	ND	16	9.0	ppbv		ND	56	32	ug/m3
	106.2	m,p-Xylene	1390	16	11	ppbv		6040	69	48	ug/m3
95-47-6	106.2	o-Xylene	467	16	6.2	ppbv		2030	69	27	ug/m3
1330-20-7	106.2	Xylenes (total)	1860	16	6.2	ppbv		8070	69	27	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-SV-07	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-6	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	A1401
Method:	TO-15	Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-08		
Lab Sample ID:	JD87013-7		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1991	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06391.D	1	04/24/24 21:42	TS	n/a	n/a	V7W240
Run #2							

	Initial Volume
Run #1	50.0 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	47.4	1.6	1.2	ppbv		113	3.8	2.9	ug/m3
106-99-0	54.09	1,3-Butadiene	6.0	1.6	0.67	ppbv		13	3.5	1.5	ug/m3
71-43-2	78.11	Benzene	15.3	1.6	0.19	ppbv		48.9	5.1	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.24	ppbv		ND	5.4	1.6	ug/m3
75-25-2	252.8	Bromoform ^a	ND	0.32	0.57	ppbv		ND	3.3	5.9	ug/m3
74-83-9	94.94	Bromomethane	ND	1.6	0.55	ppbv		ND	6.2	2.1	ug/m3
593-60-2	106.9	Bromoethene	ND	1.6	0.49	ppbv		ND	7.0	2.1	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.6	1.0	ppbv		ND	8.2	5.2	ug/m3
75-15-0	76.14	Carbon disulfide	1.2	1.6	0.36	ppbv	J	3.7	5.0	1.1	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.6	0.59	ppbv		ND	7.4	2.7	ug/m3
75-00-3	64.52	Chloroethane	ND	1.6	0.54	ppbv		ND	4.2	1.4	ug/m3
67-66-3	119.4	Chloroform	ND	1.6	0.30	ppbv		ND	7.8	1.5	ug/m3
74-87-3	50.49	Chloromethane	ND	1.6	0.72	ppbv		ND	3.3	1.5	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.6	0.66	ppbv		ND	5.0	2.1	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.6	0.58	ppbv		ND	8.3	3.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.32	0.32	ppbv		ND	2.0	2.0	ug/m3
110-82-7	84.16	Cyclohexane	22.0	1.6	0.36	ppbv		75.7	5.5	1.2	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	0.46	ppbv		ND	6.5	1.9	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.32	0.47	ppbv		ND	1.3	1.9	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.80	0.24	ppbv		ND	6.1	1.8	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	0.56	ppbv		ND	6.5	2.3	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.6	0.50	ppbv		ND	7.4	2.3	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	1.6	0.94	ppbv		ND	5.8	3.4	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	1.6	0.83	ppbv		ND	7.9	4.1	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	0.80	0.42	ppbv		ND	6.8	3.6	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	0.22	ppbv		ND	6.3	0.87	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.32	0.24	ppbv		ND	1.3	0.95	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	0.50	ppbv		ND	7.3	2.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	1.9	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.32	0.55	ppbv		ND	1.9	3.3	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.63	ppbv		ND	4.8	3.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	0.81	ppbv		ND	7.3	3.7	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-08		
Lab Sample ID:	JD87013-7		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1991	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	17.2	4.0	3.2	ppbv		32.4	7.5	6.0	ug/m3
100-41-4	106.2	Ethylbenzene	108	1.6	0.49	ppbv		469	6.9	2.1	ug/m3
141-78-6	88	Ethyl Acetate	3.5	1.6	0.83	ppbv		13	5.8	3.0	ug/m3
622-96-8	120.19	4-Ethyltoluene	49.0	1.6	0.76	ppbv		241	7.9	3.7	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.25	ppbv		ND	6.1	1.9	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.40	ppbv		ND	5.6	2.8	ug/m3
142-82-5	100.2	Heptane	113	1.6	0.36	ppbv		463	6.6	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.72	0.50	ppbv		ND	7.7	5.3	ug/m3
110-54-3	86.18	Hexane	42.4	1.6	0.42	ppbv		149	5.6	1.5	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	1.2	ppbv		ND	6.5	4.9	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	1.1	ppbv		ND	3.9	2.7	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	0.45	ppbv		ND	5.6	1.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.1	1.6	0.88	ppbv		6.2	4.7	2.6	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	2.5	1.6	0.58	ppbv		10	6.6	2.4	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	0.64	ppbv		ND	5.8	2.3	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	1.6	0.56	ppbv		ND	6.6	2.3	ug/m3
115-07-1	42	Propylene	55.1	4.0	1.1	ppbv		94.7	6.9	1.9	ug/m3
100-42-5	104.1	Styrene	2.0	1.6	0.42	ppbv		8.5	6.8	1.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.30	ppbv		ND	4.4	1.6	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.80	0.38	ppbv		ND	5.5	2.6	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.30	ppbv		ND	4.4	1.6	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.97	ppbv		ND	5.9	7.2	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	133	1.6	0.70	ppbv		654	7.9	3.4	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	54.1	1.6	0.64	ppbv		266	7.9	3.1	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	146	1.6	0.32	ppbv		682	7.5	1.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.85	1.6	0.74	ppbv	J	2.6	4.9	2.2	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.32	0.11	ppbv		ND	2.2	0.75	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	0.72	ppbv		ND	4.7	2.1	ug/m3
108-88-3	92.14	Toluene	251	1.6	0.46	ppbv		946	6.0	1.7	ug/m3
79-01-6	131.4	Trichloroethylene	0.84	0.32	0.15	ppbv		4.5	1.7	0.81	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	1.2	ppbv		ND	4.5	6.7	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.32	0.55	ppbv		ND	0.82	1.4	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	0.90	ppbv		ND	5.6	3.2	ug/m3
	106.2	m,p-Xylene	433	1.6	1.1	ppbv		1880	6.9	4.8	ug/m3
95-47-6	106.2	o-Xylene	177	1.6	0.62	ppbv		769	6.9	2.7	ug/m3
1330-20-7	106.2	Xylenes (total)	610	1.6	0.62	ppbv		2650	6.9	2.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-SV-08	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-7	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1991	Percent Solids:	n/a
Method:	TO-15		
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	RI-SV-09		
Lab Sample ID:	JD87013-8		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1399	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06392.D	1	04/24/24 22:17	TS	n/a	n/a	V7W240
Run #2							

	Initial Volume
Run #1	50.0 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	88.2	1.6	1.2	ppbv		210	3.8	2.9	ug/m3
106-99-0	54.09	1,3-Butadiene	21.4	1.6	0.67	ppbv		47.3	3.5	1.5	ug/m3
71-43-2	78.11	Benzene	4.6	1.6	0.19	ppbv		15	5.1	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.24	ppbv		ND	5.4	1.6	ug/m3
75-25-2	252.8	Bromoform ^a	ND	0.32	0.57	ppbv		ND	3.3	5.9	ug/m3
74-83-9	94.94	Bromomethane	ND	1.6	0.55	ppbv		ND	6.2	2.1	ug/m3
593-60-2	106.9	Bromoethene	ND	1.6	0.49	ppbv		ND	7.0	2.1	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.6	1.0	ppbv		ND	8.2	5.2	ug/m3
75-15-0	76.14	Carbon disulfide	3.1	1.6	0.36	ppbv		9.7	5.0	1.1	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.6	0.59	ppbv		ND	7.4	2.7	ug/m3
75-00-3	64.52	Chloroethane	ND	1.6	0.54	ppbv		ND	4.2	1.4	ug/m3
67-66-3	119.4	Chloroform	ND	1.6	0.30	ppbv		ND	7.8	1.5	ug/m3
74-87-3	50.49	Chloromethane	ND	1.6	0.72	ppbv		ND	3.3	1.5	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.6	0.66	ppbv		ND	5.0	2.1	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.6	0.58	ppbv		ND	8.3	3.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.32	0.32	ppbv		ND	2.0	2.0	ug/m3
110-82-7	84.16	Cyclohexane	0.83	1.6	0.36	ppbv	J	2.9	5.5	1.2	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	0.46	ppbv		ND	6.5	1.9	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.32	0.47	ppbv		ND	1.3	1.9	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.80	0.24	ppbv		ND	6.1	1.8	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	0.56	ppbv		ND	6.5	2.3	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.6	0.50	ppbv		ND	7.4	2.3	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	1.6	0.94	ppbv		ND	5.8	3.4	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	1.6	0.83	ppbv		ND	7.9	4.1	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	0.80	0.42	ppbv		ND	6.8	3.6	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	0.22	ppbv		ND	6.3	0.87	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.32	0.24	ppbv		ND	1.3	0.95	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	0.50	ppbv		ND	7.3	2.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	1.9	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.32	0.55	ppbv		ND	1.9	3.3	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.63	ppbv		ND	4.8	3.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	0.81	ppbv		ND	7.3	3.7	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-SV-09		
Lab Sample ID:	JD87013-8		
Matrix:	AIR - Soil Vapor Comp.	Summa ID: A1399	Date Sampled: 04/22/24
Method:	TO-15		Date Received: 04/22/24
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	34.5	4.0	3.2	ppbv		65.0	7.5	6.0	ug/m3
100-41-4	106.2	Ethylbenzene	168	1.6	0.49	ppbv		730	6.9	2.1	ug/m3
141-78-6	88	Ethyl Acetate	3.9	1.6	0.83	ppbv		14	5.8	3.0	ug/m3
622-96-8	120.19	4-Ethyltoluene	2.2	1.6	0.76	ppbv		11	7.9	3.7	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.25	ppbv		ND	6.1	1.9	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.40	ppbv		ND	5.6	2.8	ug/m3
142-82-5	100.2	Heptane	5.8	1.6	0.36	ppbv		24	6.6	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.72	0.50	ppbv		ND	7.7	5.3	ug/m3
110-54-3	86.18	Hexane	5.9	1.6	0.42	ppbv		21	5.6	1.5	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	1.2	ppbv		ND	6.5	4.9	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	1.1	ppbv		ND	3.9	2.7	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	0.45	ppbv		ND	5.6	1.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.8	1.6	0.88	ppbv		8.3	4.7	2.6	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.97	1.6	0.58	ppbv	J	4.0	6.6	2.4	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	0.64	ppbv		ND	5.8	2.3	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	1.6	0.56	ppbv		ND	6.6	2.3	ug/m3
115-07-1	42	Propylene	219	4.0	1.1	ppbv		376	6.9	1.9	ug/m3
100-42-5	104.1	Styrene	ND	1.6	0.42	ppbv		ND	6.8	1.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.30	ppbv		ND	4.4	1.6	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.80	0.38	ppbv		ND	5.5	2.6	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.30	ppbv		ND	4.4	1.6	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.97	ppbv		ND	5.9	7.2	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	7.0	1.6	0.70	ppbv		34	7.9	3.4	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	1.8	1.6	0.64	ppbv		8.8	7.9	3.1	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.88	1.6	0.32	ppbv	J	4.1	7.5	1.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.1	1.6	0.74	ppbv	J	3.3	4.9	2.2	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.32	0.11	ppbv		ND	2.2	0.75	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	0.72	ppbv		ND	4.7	2.1	ug/m3
108-88-3	92.14	Toluene	18.3	1.6	0.46	ppbv		69.0	6.0	1.7	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.32	0.15	ppbv		ND	1.7	0.81	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	1.2	ppbv		ND	4.5	6.7	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.32	0.55	ppbv		ND	0.82	1.4	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	0.90	ppbv		ND	5.6	3.2	ug/m3
	106.2	m,p-Xylene	561	1.6	1.1	ppbv		2440	6.9	4.8	ug/m3
95-47-6	106.2	o-Xylene	157	1.6	0.62	ppbv		682	6.9	2.7	ug/m3
1330-20-7	106.2	Xylenes (total)	718	1.6	0.62	ppbv		3120	6.9	2.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-SV-09	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-8	Date Received:	04/22/24
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	A1399
Method:	TO-15	Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
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Report of Analysis

Page 1 of 3

Client Sample ID:	RI-AA-02						
Lab Sample ID:	JD87013-9					Date Sampled:	04/22/24
Matrix:	AIR - Ambient Air Comp.	Summa ID:	A1940			Date Received:	04/22/24
Method:	TO-15					Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W06393.D	1	04/24/24 22:53	TS	n/a	n/a	V7W240
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	3.0	0.80	0.58	ppbv		7.1	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform ^a	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.64	0.80	0.36	ppbv	J	1.3	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane ^a	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	1.7	0.16	0.12	ppbv		6.7	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RI-AA-02		
Lab Sample ID:	JD87013-9	Date Sampled:	04/22/24
Matrix:	AIR - Ambient Air Comp. Summa ID: A1940	Date Received:	04/22/24
Method:	TO-15	Percent Solids:	n/a
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	33.6	2.0	1.6	ppbv		63.3	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	4.1	0.80	0.42	ppbv		15	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	ND	0.80	0.21	ppbv		ND	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.9	0.80	0.56	ppbv		7.1	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.44	ppbv		ND	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	0.36	0.16	0.076	ppbv		1.9	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.62	ppbv		ND	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	1.3	0.16	0.28	ppbv		3.3	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	RI-AA-02	Date Sampled:	04/22/24
Lab Sample ID:	JD87013-9	Date Received:	04/22/24
Matrix:	AIR - Ambient Air Comp. Summa ID: A1940	Percent Solids:	n/a
Method:	TO-15		
Project:	Ossining Investigation, 136-140 Croton Avenue, Ossining, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Ar

AIR CHAIN OF CUSTODY

PAGE 1 OF 1

PW

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX 732-329-3499
www.sgs.com/ehsusa

FED-EX Tracking #	Bottle Order Control # <i>Prem-KR-0411024-216</i>
SGS Quote #	SGS Job # <i>JD820B</i>

Client / Reporting Information Company Name: SEST Address: 959 RT 46 F13,300, NY, 07054 City: Parsippany NJ 07054 Project Contact: John Vander Vliet Phone #: 973 809 9050 Fax #:				Project Information Project Name: 136 Croton Ave (12060) Street: 136 Croton Ave, Ossining, NY City: Ossining NY Project #: 12060 Client Purchase Order #:				Weather Parameters Temperature (Fahrenheit) Start: 730 Maximum: 50° Stop: 1530 Minimum: 58° Atmospheric Pressure (inches of Hg) Start: 730 Maximum: 30.04 Stop: 1530 Minimum: 30.04 Other weather comment:											
Sampler(s) Name(s): Ronnie Reynolds Gomez																			
Lab Sample #		Field ID / Point of Collection		Air Type			Sampling Equipment Info			Start Sampling Information				Stop Sampling Information					
				Indoor (I) Soil Vap (SV) Ambient (A)	Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.		
1		RI-SV-01	SV	A1940	1.4	FC874	4/22/24	1302	-27	-	RR	4/22/24	1216	-4	-	RR			
2		RI-SV-02		A1949		FC953		1232	-26	-	RR		1237	-5	-	RR			
3		RI-SV-03		A1948		FC1291		1210	-28	-	RR		1219	-5	-				
4		RI-SV-04		A1924		FC1289		1247	-26	-	RR		1254	-4	-				
5		RI-SV-05		A1934		FC1173		1234	-27	-			1240	-4	-				
6		RI-SV-07		A1401		FC839		1320	-28	-			1327	-1	-				
7		RI-SV-08		A1941		FC984		1250	-26	-			1258	-4	-				
8		RI-SV-09	↓	A1949	↓	FC705		1215	-28	-			1224	-5	-				
9		RI-AA-02	A	A1940	1.4	FC701	↓	1205	-28	-	↓	↓	1211	-1	-	↓			
Turnaround Time (Business days) ☒ Standard - 15 Days ☐ 10 Day ☐ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Other												Data Deliverable Information All NJDEP TO-15 is mandatory Full T1 Comm A Comm B Reduced T2 Full T1 Other: DKQP reporting				Comments / Remarks Label Assessment: 3B Label Verification: 3B Sample inventory is verified upon receipt in the Laboratory			
Sample Custody must be documented below each time samples change possession, including courier delivery.																			
Relinquished by Laboratory John Vander Vliet		Date Time: 4/22/24 1530		Received By: Engelbert		Relinquished By: Engelbert		Date Time: 4-22-24 1845		Received By: John Vander Vliet									
Relinquished by: 3		Date Time:		Received By: 3		Relinquished By: 4		Date Time:		Received By: 4									
Relinquished by: 5		Date Time:		Received By: 5		Custody Seal #													

Form:SM088-03D (revised 2-12-18)

SGS COURIER P10

<http://www.sgs.com/en/terms-and-conditions>

JD87013: Chain of Custody

Page 1 of 5

AIR SAMPLING EQUIPMENT RETURN FORM

Client: SESI

Project: 136 Cotton Ave

Control: Prem-KR-041024-26

Job: JD 87013

Additional Summa Canisters

Additional Controllers

60 A1420

PC-01

Relinquished By:	Date & Time	Received By:	Date & Time
Relinquished By:	Date & Time	Received By:	Date & Time
Custody Seal #s:	# of Boxes or pieces in delivery		

NOTES:

SM086-03

Pub date: 3/12/18

JD87013: Chain of Custody

Page 2 of 5

SGS Sample Receipt Summary

Job Number: jd87013

Client: SESI CONSULTING ENGINEERS

Project: 136 CROTON AVENUE, OSSINING, NY

Date / Time Received: 4/22/2024 6:45:00 PM

Delivery Method: _____

Airbill #'s: _____

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☐ ☐
2. Cooler temp verification: N/A
3. Cooler media: N/A
4. No. Coolers: N/A

Quality Control Preservation

Y or N N/A

1. Trip Blank present / cooler: ☐ ☐ ☒
2. Trip Blank listed on COC: ☐ ☐ ☒
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☐ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N N/A

1. Analysis requested is clear: ☐ ☒
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 231619

pH 12+: 203117A

Other: (Specify) _____

Comments

-1 to -9 Analysis not marked on COC. Please confirm TO-15.

JD87013: Chain of Custody

Page 3 of 5

Responded to by: Sarah Yensan

Response Date: 04/23/24

Please run for VTO15STD

JD87013: Chain of Custody
Page 4 of 5

Job Change Order: JD87013

Requested Date:	4/23/2024	Received Date:	4/22/2024
Account Name:	SESI Consulting Engineers	Due Date:	4/23/2024
Project Description:	Ossining Investigation, 136-140 Croton Avenue,	Deliverable:	FULT1
C/O Initiated By:	SARAH_YE PM: KR	TAT (Days):	3

=====

Sample #: JD87013--1 thru -9 Dept:

Client ID: TAT: 3

Change: Revise to 3 day, due 4/25