



ANALYTICAL REPORT

Lab Number:	L1809283
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Aimee Smith
Phone:	(518) 786-7400
Project Name:	POESTEN KILL PLACE PII
Project Number:	17.7766
Report Date:	03/26/18

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Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1809283-01	MW01	WATER	TROY, NY	03/19/18 08:25	03/19/18
L1809283-02	MW02	WATER	TROY, NY	03/19/18 10:15	03/19/18
L1809283-03	MW03	WATER	TROY, NY	03/19/18 10:50	03/19/18
L1809283-04	MW04	WATER	TROY, NY	03/19/18 09:25	03/19/18
L1809283-05	MW05	WATER	TROY, NY	03/19/18 11:50	03/19/18
L1809283-06	MW06	WATER	TROY, NY	03/19/18 12:30	03/19/18
L1809283-07	TRIP BLANK	WATER	TROY, NY		03/19/18

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

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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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

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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

L1809283-01 through -06: The sample was received below the appropriate pH for the Total Cyanide analysis. The laboratory added additional NaOH to a pH >12.

L1809283-07: A sample identified as "TRIP BLANK" was received but not listed on the Chain of Custody and was not analyzed.

Total Metals

The WG1098867-3 MS recoveries for aluminum (60%), calcium (0%), iron (0%), and manganese (2%), performed on L1809283-01, 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 03/26/18

ORGANICS

VOLATILES

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-01
Client ID: MW01
Sample Location: TROY, NY

Date Collected: 03/19/18 08:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/22/18 22:36
Analyst: PD

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-01
Client ID: MW01
Sample Location: TROY, NY

Date Collected: 03/19/18 08:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-02
Client ID: MW02
Sample Location: TROY, NY

Date Collected: 03/19/18 10:15
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/22/18 23:04
Analyst: PD

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-02
Client ID: MW02
Sample Location: TROY, NY

Date Collected: 03/19/18 10:15
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	94		70-130

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-03
Client ID: MW03
Sample Location: TROY, NY

Date Collected: 03/19/18 10:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/22/18 23:32
Analyst: PD

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-03
Client ID: MW03
Sample Location: TROY, NY

Date Collected: 03/19/18 10:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-04
Client ID: MW04
Sample Location: TROY, NY

Date Collected: 03/19/18 09:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/23/18 00:00
Analyst: PD

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-04
Client ID: MW04
Sample Location: TROY, NY

Date Collected: 03/19/18 09:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-05
Client ID: MW05
Sample Location: TROY, NY

Date Collected: 03/19/18 11:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/23/18 00:27
Analyst: PD

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-05
Client ID: MW05
Sample Location: TROY, NY

Date Collected: 03/19/18 11:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.80	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-06
Client ID: MW06
Sample Location: TROY, NY

Date Collected: 03/19/18 12:30
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/23/18 00:55
Analyst: PD

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-06
Client ID: MW06
Sample Location: TROY, NY

Date Collected: 03/19/18 12:30
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/22/18 20:45
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1099977-5					
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
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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/22/18 20:45
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1099977-5					
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/22/18 20:45
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1099977-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

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: WG1099977-3 WG1099977-4								
Methylene chloride	120		110		70-130	9		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	96		91		63-132	5		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		97		63-130	3		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		95		70-130	5		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		96		62-150	4		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	100		96		67-130	4		20
Bromodichloromethane	98		95		67-130	3		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	100		98		70-130	2		20
Bromoform	90		88		54-136	2		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	130		110		64-130	17		20
Bromomethane	120		100		39-139	18		20
Vinyl chloride	140		130		55-140	7		20

Lab Control Sample Analysis Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

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: WG1099977-3 WG1099977-4								
Chloroethane	140	Q	120		55-138	15		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	99		93		70-130	6		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	115		105		70-130	9		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	130		125		70-130	4		20
Dichlorodifluoromethane	120		100		36-147	18		20
Acetone	96		83		58-148	15		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	98		94		63-138	4		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	89		85		57-130	5		20
Bromochloromethane	99		96		70-130	3		20
1,2-Dibromoethane	100		98		70-130	2		20
1,2-Dibromo-3-chloropropane	87		88		41-144	1		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	87		81		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

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: WG1099977-3 WG1099977-4								
1,2,4-Trichlorobenzene	89		84		70-130	6		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	120		110		70-130	9		20
1,4-Dioxane	64		70		56-162	9		20
Freon-113	100		99		70-130	1		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	94		94		70-130

SEMIVOLATILES

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-01
Client ID: MW01
Sample Location: TROY, NY

Date Collected: 03/19/18 08:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/22/18 16:34
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	76		15-120
4-Terphenyl-d14	56		41-149

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-02
Client ID: MW02
Sample Location: TROY, NY

Date Collected: 03/19/18 10:15
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/22/18 17:05
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	80		15-120
4-Terphenyl-d14	47		41-149

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-03
Client ID: MW03
Sample Location: TROY, NY

Date Collected: 03/19/18 10:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/22/18 17:37
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	90		15-120
4-Terphenyl-d14	53		41-149

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-04
Client ID: MW04
Sample Location: TROY, NY

Date Collected: 03/19/18 09:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/22/18 18:08
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.32		ug/l	0.10	0.04	1
Fluoranthene	0.59		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.22		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.21		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.25		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	0.10		ug/l	0.10	0.04	1
Chrysene	0.24		ug/l	0.10	0.04	1
Acenaphthylene	0.08	J	ug/l	0.10	0.04	1
Anthracene	0.21		ug/l	0.10	0.04	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.04	1
Fluorene	0.33		ug/l	0.10	0.04	1
Phenanthrene	1.0		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	0.10		ug/l	0.10	0.04	1
Pyrene	0.49		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	80		15-120
4-Terphenyl-d14	55		41-149

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-05
Client ID: MW05
Sample Location: TROY, NY

Date Collected: 03/19/18 11:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/22/18 18:39
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	87		15-120
4-Terphenyl-d14	47		41-149

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-06
Client ID: MW06
Sample Location: TROY, NY

Date Collected: 03/19/18 12:30
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/22/18 19:11
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 15:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
Fluoranthene	0.09	J	ug/l	0.10	0.04	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.08	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.07	J	ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	82		15-120
4-Terphenyl-d14	46		41-149

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 03/22/18 09:06
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 03/21/18 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1099173-1					
Acenaphthene	ND		ug/l	0.10	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	53		15-120
4-Terphenyl-d14	124		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1099173-2 WG1099173-3								
Acenaphthene	73		76		40-140	4		40
Fluoranthene	82		85		40-140	4		40
Benzo(a)anthracene	74		77		40-140	4		40
Benzo(a)pyrene	91		94		40-140	3		40
Benzo(b)fluoranthene	83		86		40-140	4		40
Benzo(k)fluoranthene	87		90		40-140	3		40
Chrysene	69		72		40-140	4		40
Acenaphthylene	82		90		40-140	9		40
Anthracene	82		84		40-140	2		40
Benzo(ghi)perylene	87		91		40-140	4		40
Fluorene	78		80		40-140	3		40
Phenanthrene	73		75		40-140	3		40
Dibenzo(a,h)anthracene	91		95		40-140	4		40
Indeno(1,2,3-cd)pyrene	90		95		40-140	5		40
Pyrene	79		82		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	68		82		23-120
2-Fluorobiphenyl	81		89		15-120
4-Terphenyl-d14	114		119		41-149

PCBS

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-01
Client ID: MW01
Sample Location: TROY, NY

Date Collected: 03/19/18 08:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/23/18 08:33
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 01:41
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/23/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-02
Client ID: MW02
Sample Location: TROY, NY

Date Collected: 03/19/18 10:15
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/23/18 08:45
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 01:41
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/23/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-03
Client ID: MW03
Sample Location: TROY, NY

Date Collected: 03/19/18 10:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/23/18 10:01
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 01:41
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/23/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-04
Client ID: MW04
Sample Location: TROY, NY

Date Collected: 03/19/18 09:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/23/18 10:14
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 01:42
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/23/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-05
Client ID: MW05
Sample Location: TROY, NY

Date Collected: 03/19/18 11:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/23/18 10:26
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 01:42
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/23/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

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

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-06
Client ID: MW06
Sample Location: TROY, NY

Date Collected: 03/19/18 12:30
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/23/18 10:39
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 03/21/18 01:42
Cleanup Method: EPA 3665A
Cleanup Date: 03/22/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/23/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 03/23/18 08:57
 Analyst: HT

Extraction Method: EPA 3510C
 Extraction Date: 03/21/18 01:41
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/22/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/23/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG1099014-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18

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: WG1099014-2 WG1099014-3									
Aroclor 1016	78		73		40-140	6		50	A
Aroclor 1260	85		79		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		78		30-150	A
Decachlorobiphenyl	88		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		69		30-150	B
Decachlorobiphenyl	91		80		30-150	B

PESTICIDES

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-01
Client ID: MW01
Sample Location: TROY, NY

Date Collected: 03/19/18 08:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/26/18 15:28
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 03/22/18 22:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-01
Client ID: MW01
Sample Location: TROY, NY

Date Collected: 03/19/18 08:25
Date Received: 03/19/18
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	104		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-02
Client ID: MW02
Sample Location: TROY, NY

Date Collected: 03/19/18 10:15
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/23/18 12:40
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 03/22/18 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	0.014	J	ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND	PI	ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-02
Client ID: MW02
Sample Location: TROY, NY

Date Collected: 03/19/18 10:15
Date Received: 03/19/18
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	49		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-03
Client ID: MW03
Sample Location: TROY, NY

Date Collected: 03/19/18 10:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/23/18 20:37
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 03/22/18 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-03
Client ID: MW03
Sample Location: TROY, NY

Date Collected: 03/19/18 10:50
Date Received: 03/19/18
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	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-04
Client ID: MW04
Sample Location: TROY, NY

Date Collected: 03/19/18 09:25
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/23/18 17:24
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 03/22/18 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-04
Client ID: MW04
Sample Location: TROY, NY

Date Collected: 03/19/18 09:25
Date Received: 03/19/18
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	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-05
Client ID: MW05
Sample Location: TROY, NY

Date Collected: 03/19/18 11:50
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/23/18 20:50
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 03/22/18 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-05
Client ID: MW05
Sample Location: TROY, NY

Date Collected: 03/19/18 11:50
Date Received: 03/19/18
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	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-06
Client ID: MW06
Sample Location: TROY, NY

Date Collected: 03/19/18 12:30
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/23/18 13:30
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 03/22/18 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	0.013	J	ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND	PI	ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-06
Client ID: MW06
Sample Location: TROY, NY

Date Collected: 03/19/18 12:30
Date Received: 03/19/18
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 03/23/18 12:02
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 03/22/18 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-06 Batch: WG1099382-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	0.007	J	ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
Chlordane	ND		ug/l	0.200	0.046	A
trans-Chlordane	0.007	J	ug/l	0.020	0.006	B

Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8081B
Analytical Date: 03/23/18 12:02
Analyst: KBExtraction Method: EPA 3510C
Extraction Date: 03/22/18 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-06 Batch: WG1099382-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 03/23/18 17:12
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 03/22/18 22:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1099756-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 03/23/18 17:12
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 03/22/18 22:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1099756-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	119		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	125		30-150	B
Decachlorobiphenyl	112		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-06 Batch: WG1099382-2 WG1099382-3									
Delta-BHC	88		90		30-150	2		20	A
Lindane	83		86		30-150	4		20	A
Alpha-BHC	85		89		30-150	5		20	A
Beta-BHC	88		92		30-150	4		20	A
Heptachlor	77		71		30-150	8		20	A
Aldrin	82		74		30-150	10		20	A
Heptachlor epoxide	79		81		30-150	2		20	A
Endrin	88		89		30-150	1		20	A
Endrin aldehyde	72		71		30-150	2		20	A
Endrin ketone	84		84		30-150	1		20	A
Dieldrin	93		95		30-150	1		20	A
4,4'-DDE	88		88		30-150	0		20	A
4,4'-DDD	89		89		30-150	0		20	A
4,4'-DDT	88		89		30-150	0		20	A
Endosulfan I	86		87		30-150	1		20	A
Endosulfan II	80		79		30-150	1		20	A
Endosulfan sulfate	101		99		30-150	2		20	A
Methoxychlor	102		102		30-150	0		20	A
cis-Chlordane	79		79		30-150	0		20	A
trans-Chlordane	81		81		30-150	0		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-06 Batch: WG1099382-2 WG1099382-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		47		30-150	A
Decachlorobiphenyl	77		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		46		30-150	B
Decachlorobiphenyl	76		75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1099756-2 WG1099756-3									
Delta-BHC	123		124		30-150	1		20	A
Lindane	109		111		30-150	2		20	A
Alpha-BHC	117		119		30-150	2		20	A
Beta-BHC	101		102		30-150	1		20	A
Heptachlor	96		97		30-150	1		20	A
Aldrin	91		92		30-150	2		20	A
Heptachlor epoxide	105		107		30-150	2		20	A
Endrin	110		112		30-150	2		20	A
Endrin aldehyde	105		105		30-150	0		20	A
Endrin ketone	118		119		30-150	1		20	A
Dieldrin	114		117		30-150	3		20	A
4,4'-DDE	105		108		30-150	3		20	A
4,4'-DDD	112		113		30-150	1		20	A
4,4'-DDT	117		120		30-150	3		20	A
Endosulfan I	108		110		30-150	2		20	A
Endosulfan II	106		108		30-150	2		20	A
Endosulfan sulfate	110		112		30-150	2		20	A
Methoxychlor	114		114		30-150	0		20	A
cis-Chlordane	92		94		30-150	2		20	A
trans-Chlordane	102		104		30-150	2		20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1099756-2 WG1099756-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		93		30-150	A
Decachlorobiphenyl	94		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		97		30-150	B
Decachlorobiphenyl	97		97		30-150	B

METALS

Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**SAMPLE RESULTS**

Lab ID: L1809283-01

Date Collected: 03/19/18 08:25

Client ID: MW01

Date Received: 03/19/18

Sample Location: TROY, 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	12.5		mg/l	0.0100	0.00327	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Antimony, Total	0.00094	J	mg/l	0.00400	0.00042	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00870		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Barium, Total	0.3292		mg/l	0.00050	0.00017	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00087		mg/l	0.00050	0.00010	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00036		mg/l	0.00020	0.00005	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Calcium, Total	108.		mg/l	0.100	0.0394	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Chromium, Total	0.02102		mg/l	0.00100	0.00017	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Cobalt, Total	0.01721		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Copper, Total	0.03121		mg/l	0.00100	0.00038	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Iron, Total	31.7		mg/l	0.0500	0.0191	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Lead, Total	0.02594		mg/l	0.00100	0.00034	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Magnesium, Total	22.5		mg/l	0.0700	0.0242	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Manganese, Total	2.517		mg/l	0.00100	0.00044	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/21/18 12:38	03/21/18 21:10	EPA 7470A	1,7470A	EA
Nickel, Total	0.02682		mg/l	0.00200	0.00055	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Potassium, Total	7.88		mg/l	0.100	0.0309	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Selenium, Total	0.00678		mg/l	0.00500	0.00173	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Sodium, Total	77.0		mg/l	0.100	0.0293	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Vanadium, Total	0.01861		mg/l	0.00500	0.00157	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM
Zinc, Total	0.08179		mg/l	0.01000	0.00341	1	03/20/18 16:10	03/22/18 12:19	EPA 3005A	1,6020A	AM



Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**SAMPLE RESULTS**

Lab ID: L1809283-02

Date Collected: 03/19/18 10:15

Client ID: MW02

Date Received: 03/19/18

Sample Location: TROY, 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	7.02		mg/l	0.0100	0.00327	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Antimony, Total	0.00069	J	mg/l	0.00400	0.00042	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Arsenic, Total	0.01270		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Barium, Total	0.6459		mg/l	0.00050	0.00017	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00057		mg/l	0.00050	0.00010	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00015	J	mg/l	0.00020	0.00005	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Calcium, Total	130.		mg/l	0.100	0.0394	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Chromium, Total	0.01330		mg/l	0.00100	0.00017	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00748		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Copper, Total	0.01865		mg/l	0.00100	0.00038	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Iron, Total	23.8		mg/l	0.0500	0.0191	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Lead, Total	0.03725		mg/l	0.00100	0.00034	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Magnesium, Total	21.5		mg/l	0.0700	0.0242	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Manganese, Total	6.039		mg/l	0.00100	0.00044	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Mercury, Total	0.00006	J	mg/l	0.00020	0.00006	1	03/21/18 12:38	03/21/18 21:12	EPA 7470A	1,7470A	EA
Nickel, Total	0.01307		mg/l	0.00200	0.00055	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Potassium, Total	9.08		mg/l	0.100	0.0309	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Selenium, Total	0.00205	J	mg/l	0.00500	0.00173	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Sodium, Total	88.6		mg/l	0.100	0.0293	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Vanadium, Total	0.01196		mg/l	0.00500	0.00157	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM
Zinc, Total	0.03856		mg/l	0.01000	0.00341	1	03/20/18 16:10	03/22/18 12:23	EPA 3005A	1,6020A	AM



Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**SAMPLE RESULTS**

Lab ID: L1809283-03

Date Collected: 03/19/18 10:50

Client ID: MW03

Date Received: 03/19/18

Sample Location: TROY, 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	36.2		mg/l	0.0100	0.00327	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Antimony, Total	0.00130	J	mg/l	0.00400	0.00042	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Arsenic, Total	0.01630		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Barium, Total	1.948		mg/l	0.00050	0.00017	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00516		mg/l	0.00050	0.00010	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00099		mg/l	0.00020	0.00005	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Calcium, Total	164.		mg/l	0.100	0.0394	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Chromium, Total	0.04537		mg/l	0.00100	0.00017	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Cobalt, Total	0.04902		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Copper, Total	0.08895		mg/l	0.00100	0.00038	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Iron, Total	65.0		mg/l	0.0500	0.0191	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Lead, Total	0.07556		mg/l	0.00100	0.00034	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Magnesium, Total	32.3		mg/l	0.0700	0.0242	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Manganese, Total	16.18		mg/l	0.02000	0.00880	20	03/20/18 16:10	03/22/18 14:00	EPA 3005A	1,6020A	AM
Mercury, Total	0.00008	J	mg/l	0.00020	0.00006	1	03/21/18 12:38	03/21/18 21:13	EPA 7470A	1,7470A	EA
Nickel, Total	0.06232		mg/l	0.00200	0.00055	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Potassium, Total	12.0		mg/l	0.100	0.0309	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Selenium, Total	0.0187		mg/l	0.00500	0.00173	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Silver, Total	0.00021	J	mg/l	0.00040	0.00016	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Sodium, Total	82.8		mg/l	0.100	0.0293	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Thallium, Total	0.00023	J	mg/l	0.00050	0.00014	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Vanadium, Total	0.04019		mg/l	0.00500	0.00157	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM
Zinc, Total	0.1924		mg/l	0.01000	0.00341	1	03/20/18 16:10	03/22/18 12:39	EPA 3005A	1,6020A	AM



Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**SAMPLE RESULTS**

Lab ID: L1809283-04

Date Collected: 03/19/18 09:25

Client ID: MW04

Date Received: 03/19/18

Sample Location: TROY, 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	17.4		mg/l	0.0100	0.00327	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Antimony, Total	0.00165	J	mg/l	0.00400	0.00042	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Arsenic, Total	0.02062		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Barium, Total	0.5422		mg/l	0.00050	0.00017	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00120		mg/l	0.00050	0.00010	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00043		mg/l	0.00020	0.00005	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Calcium, Total	122.		mg/l	0.100	0.0394	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Chromium, Total	0.04371		mg/l	0.00100	0.00017	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Cobalt, Total	0.02792		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Copper, Total	0.09428		mg/l	0.00100	0.00038	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Iron, Total	65.3		mg/l	0.0500	0.0191	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Lead, Total	0.4708		mg/l	0.00100	0.00034	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Magnesium, Total	24.6		mg/l	0.0700	0.0242	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Manganese, Total	5.636		mg/l	0.00100	0.00044	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Mercury, Total	0.00089		mg/l	0.00020	0.00006	1	03/21/18 12:38	03/21/18 21:15	EPA 7470A	1,7470A	EA
Nickel, Total	0.05232		mg/l	0.00200	0.00055	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Potassium, Total	10.9		mg/l	0.100	0.0309	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Selenium, Total	0.00546		mg/l	0.00500	0.00173	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Silver, Total	0.00029	J	mg/l	0.00040	0.00016	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Sodium, Total	94.1		mg/l	0.100	0.0293	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Thallium, Total	0.00017	J	mg/l	0.00050	0.00014	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Vanadium, Total	0.03734		mg/l	0.00500	0.00157	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM
Zinc, Total	0.2264		mg/l	0.01000	0.00341	1	03/20/18 16:10	03/22/18 12:43	EPA 3005A	1,6020A	AM



Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**SAMPLE RESULTS**

Lab ID: L1809283-05

Date Collected: 03/19/18 11:50

Client ID: MW05

Date Received: 03/19/18

Sample Location: TROY, 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	28.0		mg/l	0.0100	0.00327	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Antimony, Total	0.00085	J	mg/l	0.00400	0.00042	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Arsenic, Total	0.03323		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Barium, Total	0.8227		mg/l	0.00050	0.00017	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00220		mg/l	0.00050	0.00010	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00073		mg/l	0.00020	0.00005	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Calcium, Total	134.		mg/l	0.100	0.0394	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Chromium, Total	0.06164		mg/l	0.00100	0.00017	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Cobalt, Total	0.03704		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Copper, Total	0.07088		mg/l	0.00100	0.00038	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Iron, Total	86.2		mg/l	0.0500	0.0191	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Lead, Total	0.08014		mg/l	0.00100	0.00034	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Magnesium, Total	28.3		mg/l	0.0700	0.0242	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Manganese, Total	5.594		mg/l	0.00100	0.00044	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/21/18 12:38	03/21/18 21:20	EPA 7470A	1,7470A	EA
Nickel, Total	0.06766		mg/l	0.00200	0.00055	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Potassium, Total	12.8		mg/l	0.100	0.0309	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Selenium, Total	0.00708		mg/l	0.00500	0.00173	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Sodium, Total	81.6		mg/l	0.100	0.0293	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Thallium, Total	0.00016	J	mg/l	0.00050	0.00014	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Vanadium, Total	0.05553		mg/l	0.00500	0.00157	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM
Zinc, Total	0.1885		mg/l	0.01000	0.00341	1	03/20/18 16:10	03/22/18 12:47	EPA 3005A	1,6020A	AM



Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**SAMPLE RESULTS**

Lab ID: L1809283-06

Date Collected: 03/19/18 12:30

Client ID: MW06

Date Received: 03/19/18

Sample Location: TROY, 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	2.45		mg/l	0.0100	0.00327	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Arsenic, Total	0.01407		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Barium, Total	0.5122		mg/l	0.00050	0.00017	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00017	J	mg/l	0.00050	0.00010	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Calcium, Total	118.		mg/l	0.100	0.0394	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Chromium, Total	0.00441		mg/l	0.00100	0.00017	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00323		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Copper, Total	0.00794		mg/l	0.00100	0.00038	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Iron, Total	9.90		mg/l	0.0500	0.0191	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Lead, Total	0.00682		mg/l	0.00100	0.00034	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Magnesium, Total	20.4		mg/l	0.0700	0.0242	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Manganese, Total	5.871		mg/l	0.00100	0.00044	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/21/18 12:38	03/21/18 21:22	EPA 7470A	1,7470A	EA
Nickel, Total	0.00537		mg/l	0.00200	0.00055	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Potassium, Total	10.2		mg/l	0.100	0.0309	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Sodium, Total	96.3		mg/l	0.100	0.0293	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00325	J	mg/l	0.00500	0.00157	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM
Zinc, Total	0.01462		mg/l	0.01000	0.00341	1	03/20/18 16:10	03/22/18 12:50	EPA 3005A	1,6020A	AM



Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

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: WG1098867-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Antimony, Total	0.00081	J	mg/l	0.00400	0.00042	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Iron, Total	0.0260	J	mg/l	0.0500	0.0191	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/20/18 16:10	03/22/18 11:52	1,6020A	AM

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): 01-06 Batch: WG1099213-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/21/18 12:38	03/21/18 20:51	1,7470A	EA



Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Lab Number: L1809283

Project Number: 17.7766

Report Date: 03/26/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1098867-2								
Aluminum, Total	110		-		80-120	-		
Antimony, Total	109		-		80-120	-		
Arsenic, Total	115		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	113		-		80-120	-		
Cadmium, Total	111		-		80-120	-		
Calcium, Total	108		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	116		-		80-120	-		
Copper, Total	108		-		80-120	-		
Iron, Total	111		-		80-120	-		
Lead, Total	112		-		80-120	-		
Magnesium, Total	107		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	108		-		80-120	-		
Potassium, Total	104		-		80-120	-		
Selenium, Total	120		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	106		-		80-120	-		
Thallium, Total	106		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Project Number: 17.7766

Lab Number: L1809283

Report Date: 03/26/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1098867-2					
Zinc, Total	112	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1099213-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

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: WG1098867-3			QC Sample: L1809283-01			Client ID: MW01			
Aluminum, Total	12.5	2	13.7	60	Q	-	-		75-125	-		20
Antimony, Total	0.00094J	0.5	0.4752	95		-	-		75-125	-		20
Arsenic, Total	0.00870	0.12	0.1214	94		-	-		75-125	-		20
Barium, Total	0.3292	2	2.338	100		-	-		75-125	-		20
Beryllium, Total	0.00087	0.05	0.05444	107		-	-		75-125	-		20
Cadmium, Total	0.00036	0.051	0.05851	114		-	-		75-125	-		20
Calcium, Total	108.	10	107	0	Q	-	-		75-125	-		20
Chromium, Total	0.02102	0.2	0.2550	117		-	-		75-125	-		20
Cobalt, Total	0.01721	0.5	0.5623	109		-	-		75-125	-		20
Copper, Total	0.03121	0.25	0.3053	110		-	-		75-125	-		20
Iron, Total	31.7	1	27.7	0	Q	-	-		75-125	-		20
Lead, Total	0.02594	0.51	0.5654	106		-	-		75-125	-		20
Magnesium, Total	22.5	10	30.7	82		-	-		75-125	-		20
Manganese, Total	2.517	0.5	2.528	2	Q	-	-		75-125	-		20
Nickel, Total	0.02682	0.5	0.5899	113		-	-		75-125	-		20
Potassium, Total	7.88	10	15.7	78		-	-		75-125	-		20
Selenium, Total	0.00678	0.12	0.108	84		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05002	100		-	-		75-125	-		20
Sodium, Total	77.0	10	85.3	83		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1200	100		-	-		75-125	-		20
Vanadium, Total	0.01861	0.5	0.6303	122		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

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: WG1098867-3		QC Sample: L1809283-01		Client ID: MW01		
Zinc, Total	0.08179	0.5	0.6415	112	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1099213-3		QC Sample: L1809145-04		Client ID: MS Sample		
Mercury, Total	ND	0.005	0.00489	98	-	-	75-125	-	20

Lab Duplicate Analysis Batch Quality Control

Project Name: POESTEN KILL PLACE PII

Project Number: 17.7766

Lab Number: L1809283

Report Date: 03/26/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1098867-4 QC Sample: L1809283-01 Client ID: MW01						
Aluminum, Total	12.5	12.2	mg/l	2		20
Antimony, Total	0.00094J	0.00180J	mg/l	NC		20
Arsenic, Total	0.00870	0.00863	mg/l	1		20
Barium, Total	0.3292	0.3296	mg/l	0		20
Beryllium, Total	0.00087	0.00086	mg/l	1		20
Cadmium, Total	0.00036	0.00040	mg/l	11		20
Calcium, Total	108.	103	mg/l	5		20
Chromium, Total	0.02102	0.02072	mg/l	1		20
Cobalt, Total	0.01721	0.01688	mg/l	2		20
Copper, Total	0.03121	0.03069	mg/l	2		20
Iron, Total	31.7	31.0	mg/l	2		20
Lead, Total	0.02594	0.02597	mg/l	0		20
Magnesium, Total	22.5	21.9	mg/l	3		20
Manganese, Total	2.517	2.441	mg/l	3		20
Nickel, Total	0.02682	0.02675	mg/l	0		20
Potassium, Total	7.88	7.56	mg/l	4		20
Selenium, Total	0.00678	0.00635	mg/l	7		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	77.0	75.4	mg/l	2		20

Lab Duplicate Analysis Batch Quality Control

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1098867-4 QC Sample: L1809283-01 Client ID: MW01					
Thallium, Total	ND	0.00022J	mg/l	NC	20
Vanadium, Total	0.01861	0.01747	mg/l	6	20
Zinc, Total	0.08179	0.07911	mg/l	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1099213-4 QC Sample: L1809145-04 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-01
Client ID: MW01
Sample Location: TROY, NY

Date Collected: 03/19/18 08:25
Date Received: 03/19/18
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	03/23/18 11:30	03/23/18 14:19	1,9010C/9012B	LH



Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-02
Client ID: MW02
Sample Location: TROY, NY

Date Collected: 03/19/18 10:15
Date Received: 03/19/18
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	0.003	J	mg/l	0.005	0.001	1	03/23/18 11:30	03/23/18 14:42	1,9010C/9012B	LH



Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-03
Client ID: MW03
Sample Location: TROY, NY

Date Collected: 03/19/18 10:50
Date Received: 03/19/18
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	0.003	J	mg/l	0.005	0.001	1	03/23/18 11:30	03/23/18 14:22	1,9010C/9012B	LH



Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

SAMPLE RESULTS

Lab ID: L1809283-04
Client ID: MW04
Sample Location: TROY, NY

Date Collected: 03/19/18 09:25
Date Received: 03/19/18
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	0.005		mg/l	0.005	0.001	1	03/23/18 11:30	03/23/18 14:23	1,9010C/9012B	LH



Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**SAMPLE RESULTS****Lab ID:** L1809283-05**Date Collected:** 03/19/18 11:50**Client ID:** MW05**Date Received:** 03/19/18**Sample Location:** TROY, NY**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	0.010		mg/l	0.005	0.001	1	03/23/18 11:30	03/23/18 14:37	1,9010C/9012B	LH



Project Name: POESTEN KILL PLACE PII**Project Number:** 17.7766**Lab Number:** L1809283**Report Date:** 03/26/18**SAMPLE RESULTS****Lab ID:** L1809283-06**Client ID:** MW06**Sample Location:** TROY, NY**Date Collected:** 03/19/18 12:30**Date Received:** 03/19/18**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	0.007		mg/l	0.005	0.001	1	03/23/18 11:30	03/23/18 14:38	1,9010C/9012B	LH



Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**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: WG1099921-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/23/18 11:30	03/23/18 14:05	1,9010C/9012B	LH

Lab Control Sample Analysis**Batch Quality Control****Project Name:** POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1099921-2 WG1099921-3								
Cyanide, Total	98		93		85-115	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
Report Date: 03/26/18

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: WG1099921-4 WG1099921-5 QC Sample: L1809283-04 Client ID: MW04												
Cyanide, Total	0.005	0.2	0.208	101		0.207	100		80-120	0		20

Project Name: POESTEN KILL PLACE PII**Lab Number:** L1809283**Project Number:** 17.7766**Report Date:** 03/26/18**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(*)
L1809283-01A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-01B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-01C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-01D	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-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),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1809283-01E	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-01F	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-01G	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-01H	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-01I	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)
L1809283-01J	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)
L1809283-01X	Plastic 250ml NaOH preserved split	C	7	>12	4.4	N	Absent		TCN-9010(14)
L1809283-02A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-02B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-02C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)

Project Name: POESTEN KILL PLACE PII
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1809283-02D	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-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),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1809283-02E	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-02F	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-02G	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-02H	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-02I	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)
L1809283-02J	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)
L1809283-02X	Plastic 250ml NaOH preserved split	C	7	>12	4.4	N	Absent		TCN-9010(14)
L1809283-03A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-03B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-03C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-03D	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-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),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1809283-03E	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-03F	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-03G	Amber 1000ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-03H	Amber 1000ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-03I	Amber 1000ml unpreserved	B	7	7	4.3	Y	Absent		NYCP51-PAHSIM(7)
L1809283-03J	Amber 1000ml unpreserved	B	7	7	4.3	Y	Absent		NYCP51-PAHSIM(7)
L1809283-03X	Plastic 250ml NaOH preserved split	B	7	>12	4.3	N	Absent		TCN-9010(14)
L1809283-04A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)

Project Name: POESTEN KILL PLACE PII
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1809283-04B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-04C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-04D	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-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),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1809283-04E	Amber 500ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8081(7)
L1809283-04F	Amber 500ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8081(7)
L1809283-04G	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-04H	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-04I	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)
L1809283-04J	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)
L1809283-04X	Plastic 250ml NaOH preserved split	C	7	>12	4.4	N	Absent		TCN-9010(14)
L1809283-05A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-05B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-05C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-05D	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-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),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1809283-05E	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-05F	Amber 500ml unpreserved	B	7	7	4.3	Y	Absent		NYTCL-8081(7)
L1809283-05G	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-05H	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-05I	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)
L1809283-05J	Amber 1000ml unpreserved	C	7	7	4.4	Y	Absent		NYCP51-PAHSIM(7)

Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

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Lab Number: L1809283
Report Date: 03/26/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1809283-05X	Plastic 250ml NaOH preserved split	C	7	>12	4.4	N	Absent		TCN-9010(14)
L1809283-06A	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-06B	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-06C	Vial HCl preserved	B	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L1809283-06D	Plastic 250ml HNO3 preserved	B	<2	<2	4.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-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),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1809283-06E	Amber 500ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L1809283-06F	Amber 500ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L1809283-06G	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-06H	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1809283-06I	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYCP51-PAHSIM(7)
L1809283-06J	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		NYCP51-PAHSIM(7)
L1809283-06X	Plastic 250ml NaOH preserved split	A	7	>12	3.3	N	Absent		TCN-9010(14)
L1809283-07A	Vial HCl preserved	B	NA		4.3	Y	Absent		HOLD-8260(14)
L1809283-07B	Vial HCl preserved	B	NA		4.3	Y	Absent		HOLD-8260(14)

Project Name: POESTEN KILL PLACE PII
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GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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'.

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.

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 Condensation Product".
- 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

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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 Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: POESTEN KILL PLACE PII
Project Number: 17.7766

Lab Number: L1809283
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 300:** DW: Bromide**EPA 6860:** SCM: Perchlorate**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**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****EPA 332:** Perchlorate; **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, **EPA 351.1, 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 624:** Volatile Halocarbons & Aromatics,**EPA 608:** 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:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Be, Cd, Cr, Cu, 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.****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, Pb, Mn, Ni, Se, Ag, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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