

ANALYTICAL REPORT

Job Number: 460-111068-1

Job Description: DEC Elmont546; Site: E130150

For:

New York State D.E.C.
625 Broadway 9th Floor
Albany, NY 12233-7258

Attention: Mr. Brian Jankauskas



Approved for release.
Shalini Williams
Project Management Assistant II
4/1/2016 8:47 AM

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04/01/2016

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CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC Elmont546; Site: E130150

Report Number: 460-111068-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The sample was received on 3/25/2016 2:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS

Sample WOOD_WASTE (460-111068-1) was analyzed for TCLP Semivolatile organic compounds in accordance with EPA SW-846 Methods 1311/8270D. The samples were leached on 03/27/2016, prepared on 03/28/2016 and analyzed on 03/30/2016.

Sample WOOD_WASTE (460-111068-1)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the TCLP semivolatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Sample WOOD_WASTE (460-111068-1) was analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 03/29/2016 and analyzed on 03/31/2016.

The continuing calibration verification (CCV) analyzed in batch 460-359553 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

2,4-Dinitrophenol, 2-Nitrophenol, 4,6-Dinitro-2-methylphenol and Pentachlorophenol failed the recovery criteria low for the MS/MSD of sample 460-111024-7 in batch 460-359751.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Sample WOOD_WASTE (460-111068-1)[250X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to abundance of target analytes: WOOD_WASTE (460-111068-1). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

TCLP METALS

Sample WOOD_WASTE (460-111068-1) was analyzed for TCLP metals in accordance with EPA SW-846 Methods 1311/ 6010C. The samples were leached on 03/27/2016, prepared on 03/28/2016 and analyzed on 03/29/2016.

No difficulties were encountered during the TCLP metals analysis.

All quality control parameters were within the acceptance limits.

METALS

Sample WOOD_WASTE (460-111068-1) was analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared and analyzed on 03/29/2016.

Antimony, Manganese and Zinc failed the recovery criteria low for the MS of sample 460-110936-10 in batch 460-359469. Aluminum and Iron failed the recovery criteria high.

Refer to the QC report for details.

Sample WOOD_WASTE (460-111068-1)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Sample WOOD_WASTE (460-111068-1) was analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 03/29/2016.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-111068-1	WOOD_WASTE					
1,1'-Biphenyl		13000	J	110000	ug/Kg	8270D
2-Methylnaphthalene		24000	J	110000	ug/Kg	8270D
Acenaphthene		170000		110000	ug/Kg	8270D
Acenaphthylene		10000	J	110000	ug/Kg	8270D
Anthracene		280000		110000	ug/Kg	8270D
Benzo[a]anthracene		220000		11000	ug/Kg	8270D
Benzo[a]pyrene		95000		11000	ug/Kg	8270D
Benzo[b]fluoranthene		180000		11000	ug/Kg	8270D
Benzo[g,h,i]perylene		43000	J	110000	ug/Kg	8270D
Benzo[k]fluoranthene		96000		11000	ug/Kg	8270D
Carbazole		42000	J	110000	ug/Kg	8270D
Chrysene		250000		110000	ug/Kg	8270D
Dibenzofuran		120000		110000	ug/Kg	8270D
Fluoranthene		930000		110000	ug/Kg	8270D
Fluorene		220000		110000	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		44000		11000	ug/Kg	8270D
Naphthalene		20000	J	110000	ug/Kg	8270D
Phenanthrene		1200000		110000	ug/Kg	8270D
Pyrene		720000		110000	ug/Kg	8270D
Aluminum		573		48.5	mg/Kg	6010C
Arsenic		5.0		3.6	mg/Kg	6010C
Barium		32.1	J	48.5	mg/Kg	6010C
Calcium		10300		1210	mg/Kg	6010C
Chromium		5.7		2.4	mg/Kg	6010C
Copper		96.1		6.1	mg/Kg	6010C
Iron		2270		36.4	mg/Kg	6010C
Lead		32.5		2.4	mg/Kg	6010C
Magnesium		509	J	1210	mg/Kg	6010C
Manganese		44.3		3.6	mg/Kg	6010C
Nickel		4.9	J	9.7	mg/Kg	6010C
Potassium		463	J	1210	mg/Kg	6010C
Sodium		533	J	1210	mg/Kg	6010C
Vanadium		3.8	J	12.1	mg/Kg	6010C
Zinc		303		7.3	mg/Kg	6010C
Percent Moisture		23.7		1.0	%	Moisture
Percent Solids		76.3		1.0	%	Moisture
TCLP						
3 & 4 Methylphenol		0.022		0.020	mg/L	8270D
Benzo[a]anthracene		0.082		0.0020	mg/L	8270D
Benzo[a]pyrene		0.038		0.0020	mg/L	8270D
Benzo[b]fluoranthene		0.071		0.0020	mg/L	8270D
Chrysene		0.075		0.020	mg/L	8270D
Dibenz(a,h)anthracene		0.0075		0.0020	mg/L	8270D
Indeno[1,2,3-cd]pyrene		0.036		0.0020	mg/L	8270D
Arsenic		44.8	J	75.0	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Barium		275	J	1000	ug/L	6010C
Lead		105		50.0	ug/L	6010C

METHOD SUMMARY

Client: New York State D.E.C.

Job Number: 460-111068-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Microwave Extraction	TAL EDI		SW846 3546
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
TCLP Extraction	TAL EDI		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010C	
Preparation, Metals	TAL EDI		SW846 3050B
Metals (ICP)	TAL EDI	SW846 6010C	
TCLP Extraction	TAL EDI		SW846 1311
Preparation, Total Metals	TAL EDI		SW846 3010A
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: New York State D.E.C.

Job Number: 460-111068-1

Method	Analyst	Analyst ID
SW846 8270D	Crocco, Michael	MMC
SW846 6010C	Patel, Purva H	PHP
EPA Moisture	Bordieri, Brian M	BMB

SAMPLE SUMMARY

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-111068-1	WOOD_WASTE	Solid	03/25/2016 1000	03/25/2016 1430

SAMPLE RESULTS

Analytical Data

Client: New York State D.E.C.

Job Number: 460-111068-1

Client Sample ID: WOOD_WASTE

Lab Sample ID: 460-111068-1

Date Sampled: 03/25/2016 1000

Client Matrix: Solid

Date Received: 03/25/2016 1430

8270D Semivolatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8270D	Analysis Batch:	460-359553	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-359157	Lab File ID:	C22304.D
Dilution:	2.0	Leach Batch:	460-359017	Initial Weight/Volume:	125 mL
Analysis Date:	03/30/2016 1618			Final Weight/Volume:	1 mL
Prep Date:	03/28/2016 1210			Injection Volume:	5 uL
Leach Date:	03/27/2016 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.020	U	0.0013	0.020
2,4,5-Trichlorophenol		0.020	U	0.00098	0.020
2,4,6-Trichlorophenol		0.020	U	0.0011	0.020
2,4-Dinitrotoluene		0.0040	U	0.0021	0.0040
2-Methylphenol		0.020	U	0.0026	0.020
3 & 4 Methylphenol		0.022		0.0018	0.020
Benzo[a]anthracene		0.082		0.0011	0.0020
Benzo[a]pyrene		0.038		0.00032	0.0020
Benzo[b]fluoranthene		0.071		0.00088	0.0020
Chrysene		0.075		0.0013	0.020
Dibenz(a,h)anthracene		0.0075		0.0017	0.0020
Hexachlorobenzene		0.0020	U	0.00094	0.0020
Hexachlorobutadiene		0.0040	U	0.0015	0.0040
Hexachloroethane		0.0020	U	0.00018	0.0020
Indeno[1,2,3-cd]pyrene		0.036		0.00042	0.0020
Nitrobenzene		0.0020	U	0.00098	0.0020
Pentachlorophenol		0.060	U	0.0044	0.060
Pyridine		0.020	U	0.0019	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	71		43 - 126
2-Fluorobiphenyl	69		63 - 113
2-Fluorophenol (Surr)	43		13 - 77
Nitrobenzene-d5 (Surr)	77		62 - 120
Phenol-d5 (Surr)	35		10 - 53
Terphenyl-d14 (Surr)	92		57 - 125

Analytical Data

Client: New York State D.E.C.

Job Number: 460-111068-1

Client Sample ID: WOOD_WASTE

Lab Sample ID: 460-111068-1

Date Sampled: 03/25/2016 1000

Client Matrix: Solid

% Moisture: 23.6

Date Received: 03/25/2016 1430

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270D

Analysis Batch: 460-359921

Instrument ID: CBNAMS5

Prep Method: 3546

Prep Batch: 460-359378

Lab File ID: x12373.D

Dilution: 250

Initial Weight/Volume: 15.0144 g

Analysis Date: 03/31/2016 2138

Run Type: DL

Final Weight/Volume: 1 mL

Prep Date: 03/29/2016 1005

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		13000	J	9200	110000
1,2,4,5-Tetrachlorobenzene		110000	U	8000	110000
2,2'-oxybis[1-chloropropane]		110000	U	4400	110000
2,3,4,6-Tetrachlorophenol		110000	U	10000	110000
2,4,5-Trichlorophenol		110000	U	11000	110000
2,4,6-Trichlorophenol		44000	U	3100	44000
2,4-Dichlorophenol		44000	U	2600	44000
2,4-Dimethylphenol		110000	U	24000	110000
2,4-Dinitrophenol		87000	U	82000	87000
2,4-Dinitrotoluene		22000	U	4300	22000
2,6-Dinitrotoluene		22000	U	5800	22000
2-Chloronaphthalene		110000	U	2500	110000
2-Chlorophenol		110000	U	2700	110000
2-Methylnaphthalene		24000	J	2400	110000
2-Methylphenol		110000	U	4700	110000
2-Nitroaniline		110000	U	3600	110000
2-Nitrophenol		110000	U	3600	110000
3,3'-Dichlorobenzidine		44000	U	12000	44000
3-Nitroaniline		110000	U	3200	110000
4,6-Dinitro-2-methylphenol		87000	U	29000	87000
4-Bromophenyl phenyl ether		110000	U	3400	110000
4-Chloro-3-methylphenol		110000	U	4600	110000
4-Chloroaniline		110000	U	2800	110000
4-Chlorophenyl phenyl ether		110000	U	3200	110000
4-Methylphenol		110000	U	2900	110000
4-Nitroaniline		110000	U	4100	110000
4-Nitrophenol		220000	U	52000	220000
Acenaphthene		170000		2600	110000
Acenaphthylene		10000	J	2800	110000
Acetophenone		110000	U	2400	110000
Anthracene		280000		10000	110000
Atrazine		44000	U	4800	44000
Benzaldehyde		110000	U	8200	110000
Benzo[a]anthracene		220000		9000	11000
Benzo[a]pyrene		95000		3300	11000
Benzo[b]fluoranthene		180000		4200	11000
Benzo[g,h,i]perylene		43000	J	6200	110000
Benzo[k]fluoranthene		96000		4700	11000
Bis(2-chloroethoxy)methane		110000	U	3400	110000
Bis(2-chloroethyl)ether		11000	U	2600	11000
Bis(2-ethylhexyl) phthalate		110000	U	4200	110000
Butyl benzyl phthalate		110000	U	3300	110000
Caprolactam		110000	U	7800	110000
Carbazole		42000	J	2700	110000
Chrysene		250000		2900	110000
Dibenz(a,h)anthracene		11000	U	5600	11000

Analytical Data

Client: New York State D.E.C.

Job Number: 460-111068-1

Client Sample ID: WOOD_WASTE

Lab Sample ID: 460-111068-1

Date Sampled: 03/25/2016 1000

Client Matrix: Solid

% Moisture: 23.6

Date Received: 03/25/2016 1430

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270D

Analysis Batch: 460-359921

Instrument ID: CBNAMS5

Prep Method: 3546

Prep Batch: 460-359378

Lab File ID: x12373.D

Dilution: 250

Initial Weight/Volume: 15.0144 g

Analysis Date: 03/31/2016 2138

Run Type: DL

Final Weight/Volume: 1 mL

Prep Date: 03/29/2016 1005

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		120000		3300	110000
Diethyl phthalate		110000	U	3100	110000
Dimethyl phthalate		110000	U	3100	110000
Di-n-butyl phthalate		110000	U	3200	110000
Di-n-octyl phthalate		110000	U	5500	110000
Fluoranthene		930000		3200	110000
Fluorene		220000		2400	110000
Hexachlorobenzene		11000	U	4400	11000
Hexachlorobutadiene		22000	U	3000	22000
Hexachlorocyclopentadiene		110000	U	6700	110000
Hexachloroethane		11000	U	4000	11000
Indeno[1,2,3-cd]pyrene		44000		7200	11000
Isophorone		44000	U	2300	44000
Naphthalene		20000	J	2700	110000
Nitrobenzene		11000	U	3400	11000
N-Nitrosodi-n-propylamine		11000	U	3600	11000
N-Nitrosodiphenylamine		110000	U	9800	110000
Pentachlorophenol		87000	U	13000	87000
Phenanthrene		1200000		2900	110000
Phenol		110000	U	3500	110000
Pyrene		720000		4900	110000

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	41		10 - 95
2-Fluorobiphenyl	57		27 - 84
2-Fluorophenol (Surr)	42		21 - 84
Nitrobenzene-d5 (Surr)	50		28 - 92
Phenol-d5 (Surr)	50		22 - 88
Terphenyl-d14 (Surr)	86		16 - 114

Analytical Data

Client: New York State D.E.C.

Job Number: 460-111068-1

Client Sample ID: WOOD_WASTE

Lab Sample ID: 460-111068-1

Date Sampled: 03/25/2016 1000

Client Matrix: Solid

% Moisture: 23.6

Date Received: 03/25/2016 1430

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 460-359469

Instrument ID: ICP5

Prep Method: 3050B

Prep Batch: 460-359319

Lab File ID: 03292016.asc

Dilution: 4.0

Initial Weight/Volume: 1.08 g

Analysis Date: 03/29/2016 1523

Final Weight/Volume: 50 mL

Prep Date: 03/29/2016 0501

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		573		25.0	48.5
Antimony		4.9	U	1.9	4.9
Arsenic		5.0		1.2	3.6
Barium		32.1	J	1.7	48.5
Beryllium		0.49	U	0.41	0.49
Cadmium		0.97	U	0.51	0.97
Calcium		10300		71.8	1210
Chromium		5.7		1.2	2.4
Cobalt		12.1	U	1.4	12.1
Copper		96.1		1.6	6.1
Iron		2270		27.4	36.4
Lead		32.5		0.95	2.4
Magnesium		509	J	60.5	1210
Manganese		44.3		1.3	3.6
Nickel		4.9	J	1.8	9.7
Potassium		463	J	36.7	1210
Selenium		4.9	U	1.7	4.9
Silver		2.4	U	0.43	2.4
Sodium		533	J	82.1	1210
Thallium		4.9	U	2.1	4.9
Vanadium		3.8	J	1.2	12.1
Zinc		303		1.8	7.3

6010C Metals (ICP)-TCLP

Analysis Method: 6010C

Analysis Batch: 460-359469

Instrument ID: ICP5

Prep Method: 3010A

Prep Batch: 460-359263

Lab File ID: 03292016.asc

Dilution: 5.0

Leach Batch: 460-359017

Initial Weight/Volume: 50 mL

Analysis Date: 03/29/2016 2136

Final Weight/Volume: 50 mL

Prep Date: 03/28/2016 2137

Leach Date: 03/27/2016 1300

Analyte	DryWt Corrected: N	Result (ug/L)	Qualifier	MDL	RL
Arsenic		44.8	J	22.1	75.0
Barium		275	J	27.5	1000
Cadmium		20.0	U	11.6	20.0
Chromium		50.0	U	22.5	50.0
Lead		105		20.8	50.0
Selenium		100	U	33.8	100
Silver		50.0	U	9.3	50.0

Analytical Data

Client: New York State D.E.C.

Job Number: 460-111068-1

General Chemistry

Client Sample ID: WOOD_WASTE

Lab Sample ID: 460-111068-1

Client Matrix: Solid

Date Sampled: 03/25/2016 1000

Date Received: 03/25/2016 1430

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-359421	Analysis Date: 03/29/2016	1331				DryWt Corrected: N
Percent Solids	76.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-359421	Analysis Date: 03/29/2016	1331				DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Section	Qualifier	Description
GC/MS Semi VOA	U	Analyzed for but not detected.
	E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
	J	Indicates an estimated value.
	*	MS or MSD is outside acceptance limits.
Metals	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	J	Sample result is greater than the MDL but below the CRDL
	N	Spiked sample recovery is not within control limits.

QUALITY CONTROL RESULTS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-359017					
LB 460-359017/1-B	TCLP SPLPE Leachate Blank	P	Solid	1311	
460-111068-1	WOOD_WASTE	P	Solid	1311	
Prep Batch: 460-359157					
LCS 460-359157/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-359157/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-359157/1-A	Method Blank	T	Water	3510C	
LB 460-359017/1-B	TCLP SPLPE Leachate Blank	P	Solid	3510C	460-359017
460-111068-1	WOOD_WASTE	P	Solid	3510C	460-359017
Prep Batch: 460-359378					
LCS 460-359378/2-A	Lab Control Sample	T	Solid	3546	
LCS 460-359378/3-A	Lab Control Sample	T	Solid	3546	
MB 460-359378/1-A	Method Blank	T	Solid	3546	
460-111024-B-7-A MS	Matrix Spike	T	Solid	3546	
460-111024-B-7-B MSD	Matrix Spike Duplicate	T	Solid	3546	
460-111068-1DL	WOOD_WASTE	T	Solid	3546	
Analysis Batch:460-359553					
LB 460-359017/1-B	TCLP SPLPE Leachate Blank	P	Solid	8270D	460-359157
LCS 460-359157/2-A	Lab Control Sample	T	Water	8270D	460-359157
LCSD 460-359157/3-A	Lab Control Sample Duplicate	T	Water	8270D	460-359157
MB 460-359157/1-A	Method Blank	T	Water	8270D	460-359157
460-111068-1	WOOD_WASTE	P	Solid	8270D	460-359157
Analysis Batch:460-359751					
LCS 460-359378/2-A	Lab Control Sample	T	Solid	8270D	460-359378
LCS 460-359378/3-A	Lab Control Sample	T	Solid	8270D	460-359378
MB 460-359378/1-A	Method Blank	T	Solid	8270D	460-359378
460-111024-B-7-A MS	Matrix Spike	T	Solid	8270D	460-359378
460-111024-B-7-B MSD	Matrix Spike Duplicate	T	Solid	8270D	460-359378
Analysis Batch:460-359921					
460-111068-1DL	WOOD_WASTE	T	Solid	8270D	460-359378

Report Basis

P = TCLP

T = Total

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-359017					
LB 460-359017/1-C ^5	TCLP SPLPE Leachate Blank	P	Solid	1311	
460-110971-A-1-D DU ^5	Duplicate	P	Solid	1311	
460-110971-A-1-E MS ^5	Matrix Spike	P	Solid	1311	
460-111068-1	WOOD_WASTE	P	Solid	1311	
Prep Batch: 460-359263					
LCS 460-359263/2-A ^2	Lab Control Sample	T	Water	3010A	
MB 460-359263/1-A	Method Blank	T	Water	3010A	
LB 460-359017/1-C ^5	TCLP SPLPE Leachate Blank	P	Solid	3010A	460-359017
460-110971-A-1-D DU ^5	Duplicate	P	Solid	3010A	460-359017
460-110971-A-1-E MS ^5	Matrix Spike	P	Solid	3010A	460-359017
460-111068-1	WOOD_WASTE	P	Solid	3010A	460-359017
Prep Batch: 460-359319					
LCSSRM 460-359319/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-359319/1-A ^2	Method Blank	T	Solid	3050B	
460-110936-A-10-B DU ^4	Duplicate	T	Solid	3050B	
460-110936-D-10-G MS ^4	Matrix Spike	T	Solid	3050B	
460-111068-1	WOOD_WASTE	T	Solid	3050B	
Analysis Batch:460-359469					
LB 460-359017/1-C ^5	TCLP SPLPE Leachate Blank	P	Solid	6010C	460-359263
LCS 460-359263/2-A ^2	Lab Control Sample	T	Water	6010C	460-359263
MB 460-359263/1-A	Method Blank	T	Water	6010C	460-359263
LCSSRM 460-359319/2-A ^4	LCS-Certified Reference Material	T	Solid	6010C	460-359319
MB 460-359319/1-A ^2	Method Blank	T	Solid	6010C	460-359319
460-110936-A-10-B DU ^4	Duplicate	T	Solid	6010C	460-359319
460-110936-D-10-G MS ^4	Matrix Spike	T	Solid	6010C	460-359319
460-110971-A-1-D DU ^5	Duplicate	P	Solid	6010C	460-359263
460-110971-A-1-E MS ^5	Matrix Spike	P	Solid	6010C	460-359263
460-111068-1	WOOD_WASTE	P	Solid	6010C	460-359263
460-111068-1	WOOD_WASTE	T	Solid	6010C	460-359319

Report Basis

P = TCLP

T = Total

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-359421					
460-111064-A-34 MS	Matrix Spike	T	Solid	Moisture	
460-111064-A-34 MSD	Matrix Spike Duplicate	T	Solid	Moisture	
460-111068-1	WOOD_WASTE	T	Solid	Moisture	
460-111079-E-3 DU	Duplicate	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec
460-111068-1 DL	WOOD_WASTE DL	41	57	42	50	50	86
MB 460-359378/1-A		64	76	73	80	76	94
LCS 460-359378/2-A		76	79	76	78	78	95
LCS 460-359378/3-A		61	76	72	79	71	91
460-111024-B-7-A MS		63	77	71	77	75	91
460-111024-B-7-B MSD		72	83	77	82	82	98

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol (Surr)	10-95
FBP = 2-Fluorobiphenyl	27-84
2FP = 2-Fluorophenol (Surr)	21-84
NBZ = Nitrobenzene-d5 (Surr)	28-92
PHL = Phenol-d5 (Surr)	22-88
TPH = Terphenyl-d14 (Surr)	16-114

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec
460-111068-1	WOOD_WASTE	71	69	43	77	35	92
MB 460-359157/1-A		84	78	43	89	30	95
LB 460-359017/1-B		95	82	51	93	36	101
LCS 460-359157/2-A		100	87	43	92	29	94
LCSD 460-359157/3-A		101	86	46	91	32	95

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol (Surr)	43-126
FBP = 2-Fluorobiphenyl	63-113
2FP = 2-Fluorophenol (Surr)	13-77
NBZ = Nitrobenzene-d5 (Surr)	62-120
PHL = Phenol-d5 (Surr)	10-53
TPH = Terphenyl-d14 (Surr)	57-125

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Method Blank - Batch: 460-359157

Method: 8270D

Preparation: 3510C

Lab Sample ID: MB 460-359157/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/30/2016 1207
 Prep Date: 03/28/2016 1210
 Leach Date: N/A

Analysis Batch: 460-359553
 Prep Batch: 460-359157
 Leach Batch: N/A
 Units: mg/L

Instrument ID: CBNAMS13
 Lab File ID: C22294.D
 Initial Weight/Volume: 250 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 5 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.010	U	0.00066	0.010
2,4,5-Trichlorophenol	0.010	U	0.00049	0.010
2,4,6-Trichlorophenol	0.010	U	0.00053	0.010
3 & 4 Methylphenol	0.010	U	0.00088	0.010
2,4-Dinitrotoluene	0.0020	U	0.0010	0.0020
2-Methylphenol	0.010	U	0.0013	0.010
Pyridine	0.010	U	0.00094	0.010
Benzo[a]anthracene	0.0010	U	0.00055	0.0010
Benzo[a]pyrene	0.0010	U	0.00016	0.0010
Benzo[b]fluoranthene	0.0010	U	0.00044	0.0010
Chrysene	0.010	U	0.00067	0.010
Dibenz(a,h)anthracene	0.0010	U	0.00084	0.0010
Hexachlorobenzene	0.0010	U	0.00047	0.0010
Hexachlorobutadiene	0.0020	U	0.00076	0.0020
Hexachloroethane	0.0010	U	0.000090	0.0010
Indeno[1,2,3-cd]pyrene	0.0010	U	0.00021	0.0010
Nitrobenzene	0.0010	U	0.00049	0.0010
Pentachlorophenol	0.030	U	0.0022	0.030

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	84	43 - 126
2-Fluorobiphenyl	78	63 - 113
2-Fluorophenol (Surr)	43	13 - 77
Nitrobenzene-d5 (Surr)	89	62 - 120
Phenol-d5 (Surr)	30	10 - 53
Terphenyl-d14 (Surr)	95	57 - 125

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

TCLP SPLPE Leachate Blank - Batch: 460-359157

Method: 8270D

Preparation: 3510C

TCLP

Lab Sample ID: LB 460-359017/1-B
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/30/2016 1708
 Prep Date: 03/28/2016 1210
 Leach Date: 03/27/2016 1300

Analysis Batch: 460-359553
 Prep Batch: 460-359157
 Leach Batch: 460-359017
 Units: mg/L

Instrument ID: CBNAMS13
 Lab File ID: C22306.D
 Initial Weight/Volume: 250 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 5 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.010	U	0.00066	0.010
2,4,5-Trichlorophenol	0.010	U	0.00049	0.010
2,4,6-Trichlorophenol	0.010	U	0.00053	0.010
3 & 4 Methylphenol	0.010	U	0.00088	0.010
2,4-Dinitrotoluene	0.0020	U	0.0010	0.0020
2-Methylphenol	0.010	U	0.0013	0.010
Pyridine	0.010	U	0.00094	0.010
Benzo[a]anthracene	0.0010	U	0.00055	0.0010
Benzo[a]pyrene	0.0010	U	0.00016	0.0010
Benzo[b]fluoranthene	0.0010	U	0.00044	0.0010
Chrysene	0.010	U	0.00067	0.010
Dibenz(a,h)anthracene	0.0010	U	0.00084	0.0010
Hexachlorobenzene	0.0010	U	0.00047	0.0010
Hexachlorobutadiene	0.0020	U	0.00076	0.0020
Hexachloroethane	0.0010	U	0.000090	0.0010
Indeno[1,2,3-cd]pyrene	0.0010	U	0.00021	0.0010
Nitrobenzene	0.0010	U	0.00049	0.0010
Pentachlorophenol	0.030	U	0.0022	0.030

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	95	43 - 126
2-Fluorobiphenyl	82	63 - 113
2-Fluorophenol (Surr)	51	13 - 77
Nitrobenzene-d5 (Surr)	93	62 - 120
Phenol-d5 (Surr)	36	10 - 53
Terphenyl-d14 (Surr)	101	57 - 125

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-359157

Method: 8270D

Preparation: 3510C

LCS Lab Sample ID: LCS 460-359157/2-A	Analysis Batch: 460-359553	Instrument ID: CBNAMS13
Client Matrix: Water	Prep Batch: 460-359157	Lab File ID: C22295.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 250 mL
Analysis Date: 03/30/2016 1232	Units: mg/L	Final Weight/Volume: 2 mL
Prep Date: 03/28/2016 1210		Injection Volume: 5 uL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-359157/3-A	Analysis Batch: 460-359553	Instrument ID: CBNAMS13
Client Matrix: Water	Prep Batch: 460-359157	Lab File ID: C22296.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 250 mL
Analysis Date: 03/30/2016 1257	Units: mg/L	Final Weight/Volume: 2 mL
Prep Date: 03/28/2016 1210		Injection Volume: 5 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dichlorobenzene	65	62	51 - 91	5	30		
2,4,5-Trichlorophenol	85	86	66 - 111	2	30		
2,4,6-Trichlorophenol	88	88	67 - 115	0	30		
3 & 4 Methylphenol	56	60	34 - 81	7	30		
2,4-Dinitrotoluene	94	94	60 - 119	0	30		
2-Methylphenol	63	66	41 - 88	5	30		
Pyridine	35	38	13 - 76	8	30		
Benzo[a]anthracene	91	92	75 - 116	1	30		
Benzo[a]pyrene	92	91	75 - 122	1	30		
Benzo[b]fluoranthene	93	93	74 - 125	1	30		
Chrysene	92	93	73 - 115	0	30		
Dibenz(a,h)anthracene	115	113	72 - 142	2	30	E	E
Hexachlorobenzene	91	91	66 - 136	1	30		
Hexachlorobutadiene	63	62	47 - 100	1	30		
Hexachloroethane	61	57	44 - 91	6	30		
Indeno[1,2,3-cd]pyrene	120	117	72 - 139	2	30	E	E
Nitrobenzene	83	86	66 - 105	4	30		
Pentachlorophenol	88	88	58 - 125	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	100	101	43 - 126
2-Fluorobiphenyl	87	86	63 - 113
2-Fluorophenol (Surr)	43	46	13 - 77
Nitrobenzene-d5 (Surr)	92	91	62 - 120
Phenol-d5 (Surr)	29	32	10 - 53
Terphenyl-d14 (Surr)	94	95	57 - 125

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Method Blank - Batch: 460-359378

Method: 8270D Preparation: 3546

Lab Sample ID: MB 460-359378/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/31/2016 0636
Prep Date: 03/29/2016 1005
Leach Date: N/A

Analysis Batch: 460-359751
Prep Batch: 460-359378
Leach Batch: N/A
Units: ug/Kg

Instrument ID: CBNAMS12
Lab File ID: L132173.D
Initial Weight/Volume: 15.0000 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	330	U	28	330
1,2,4,5-Tetrachlorobenzene	330	U	25	330
2,2'-oxybis[1-chloropropane]	330	U	14	330
2,3,4,6-Tetrachlorophenol	330	U	31	330
2,4,5-Trichlorophenol	330	U	33	330
2,4,6-Trichlorophenol	130	U	9.4	130
2,4-Dichlorophenol	130	U	7.8	130
2,4-Dimethylphenol	330	U	73	330
2,4-Dinitrophenol	270	U	250	270
2,4-Dinitrotoluene	67	U	13	67
2,6-Dinitrotoluene	67	U	18	67
2-Chloronaphthalene	330	U	7.5	330
2-Chlorophenol	330	U	8.4	330
2-Methylnaphthalene	330	U	7.3	330
2-Methylphenol	330	U	14	330
2-Nitroaniline	330	U	11	330
2-Nitrophenol	330	U	11	330
3,3'-Dichlorobenzidine	130	U	37	130
3-Nitroaniline	330	U	9.8	330
4,6-Dinitro-2-methylphenol	270	U	88	270
4-Bromophenyl phenyl ether	330	U	10	330
4-Chloro-3-methylphenol	330	U	14	330
4-Chloroaniline	330	U	8.5	330
4-Chlorophenyl phenyl ether	330	U	9.9	330
4-Methylphenol	330	U	9.0	330
4-Nitroaniline	330	U	13	330
4-Nitrophenol	670	U	160	670
Acenaphthene	330	U	8.0	330
Acenaphthylene	330	U	8.5	330
Acetophenone	330	U	7.2	330
Anthracene	330	U	31	330
Atrazine	130	U	15	130
Benzaldehyde	330	U	25	330
Benzo[a]anthracene	33	U	28	33
Benzo[a]pyrene	33	U	10	33
Benzo[b]fluoranthene	33	U	13	33
Benzo[g,h,i]perylene	330	U	19	330
Benzo[k]fluoranthene	33	U	14	33
Bis(2-chloroethoxy)methane	330	U	10	330
Bis(2-chloroethyl)ether	33	U	7.8	33
Bis(2-ethylhexyl) phthalate	330	U	13	330
Butyl benzyl phthalate	330	U	10	330
Caprolactam	330	U	24	330
Carbazole	330	U	8.2	330
Chrysene	330	U	9.0	330

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Method Blank - Batch: 460-359378

Method: 8270D Preparation: 3546

Lab Sample ID: MB 460-359378/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/31/2016 0636
Prep Date: 03/29/2016 1005
Leach Date: N/A

Analysis Batch: 460-359751
Prep Batch: 460-359378
Leach Batch: N/A
Units: ug/Kg

Instrument ID: CBNAMS12
Lab File ID: L132173.D
Initial Weight/Volume: 15.0000 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Dibenz(a,h)anthracene	33	U	17	33
Dibenzofuran	330	U	10	330
Diethyl phthalate	330	U	9.4	330
Dimethyl phthalate	330	U	9.6	330
Di-n-butyl phthalate	330	U	9.9	330
Di-n-octyl phthalate	330	U	17	330
Fluoranthene	330	U	9.8	330
Fluorene	330	U	7.2	330
Hexachlorobenzene	33	U	13	33
Hexachlorobutadiene	67	U	9.3	67
Hexachlorocyclopentadiene	330	U	21	330
Hexachloroethane	33	U	12	33
Indeno[1,2,3-cd]pyrene	33	U	22	33
Isophorone	130	U	7.1	130
Naphthalene	330	U	8.4	330
Nitrobenzene	33	U	10	33
N-Nitrosodi-n-propylamine	33	U	11	33
N-Nitrosodiphenylamine	330	U	30	330
Pentachlorophenol	270	U	40	270
Phenanthrene	330	U	8.8	330
Phenol	330	U	11	330
Pyrene	330	U	15	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	64	10 - 95
2-Fluorobiphenyl	76	27 - 84
2-Fluorophenol (Surr)	73	21 - 84
Nitrobenzene-d5 (Surr)	80	28 - 92
Phenol-d5 (Surr)	76	22 - 88
Terphenyl-d14 (Surr)	94	16 - 114

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Control Sample - Batch: 460-359378

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-359378/2-A	Analysis Batch:	460-359751	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-359378	Lab File ID:	L132174.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	03/31/2016 0702	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/29/2016 1005			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	3330	2740	82	64 - 103	
1,2,4,5-Tetrachlorobenzene	3330	2580	77	62 - 109	
2,2'-oxybis[1-chloropropane]	3330	2710	81	42 - 119	
2,3,4,6-Tetrachlorophenol	3330	2760	83	57 - 113	
2,4,5-Trichlorophenol	3330	2630	79	59 - 105	
2,4,6-Trichlorophenol	3330	2810	84	61 - 107	
2,4-Dichlorophenol	3330	2690	81	59 - 99	
2,4-Dimethylphenol	3330	2740	82	60 - 98	
2,4-Dinitrophenol	6670	4500	67	26 - 137	
2,4-Dinitrotoluene	3330	3170	95	61 - 118	
2,6-Dinitrotoluene	3330	3040	91	63 - 112	
2-Chloronaphthalene	3330	2730	82	63 - 102	
2-Chlorophenol	3330	2720	82	58 - 95	
2-Methylnaphthalene	3330	2620	79	64 - 102	
2-Methylphenol	3330	2780	83	56 - 99	
2-Nitroaniline	3330	2960	89	46 - 113	
2-Nitrophenol	3330	2700	81	63 - 103	
3,3'-Dichlorobenzidine	3330	1520	46	18 - 92	
3-Nitroaniline	3330	1730	52	23 - 89	
4,6-Dinitro-2-methylphenol	6670	5310	80	51 - 124	
4-Bromophenyl phenyl ether	3330	2820	85	65 - 114	
4-Chloro-3-methylphenol	3330	2920	88	58 - 108	
4-Chloroaniline	3330	1230	37	10 - 82	
4-Chlorophenyl phenyl ether	3330	2710	81	63 - 107	
4-Methylphenol	3330	2750	83	53 - 103	
4-Nitroaniline	3330	2490	75	44 - 109	
4-Nitrophenol	6670	5460	82	45 - 125	
Acenaphthene	3330	2680	80	59 - 102	
Acenaphthylene	3330	2900	87	63 - 102	
Acetophenone	3330	2650	79	56 - 107	
Anthracene	3330	2960	89	66 - 105	
Benzo[a]anthracene	3330	2900	87	65 - 106	
Benzo[a]pyrene	3330	3120	94	68 - 111	
Benzo[b]fluoranthene	3330	3210	96	67 - 116	
Benzo[g,h,i]perylene	3330	2510	75	49 - 124	
Benzo[k]fluoranthene	3330	3130	94	65 - 114	
Bis(2-chloroethoxy)methane	3330	2710	81	61 - 102	
Bis(2-chloroethyl)ether	3330	2620	79	58 - 102	
Bis(2-ethylhexyl) phthalate	3330	3230	97	60 - 125	
Butyl benzyl phthalate	3330	3470	104	62 - 123	
Carbazole	3330	2880	86	62 - 107	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Control Sample - Batch: 460-359378

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-359378/2-A	Analysis Batch:	460-359751	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-359378	Lab File ID:	L132174.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	03/31/2016 0702	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/29/2016 1005			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chrysene	3330	3050	92	64 - 105	
Dibenz(a,h)anthracene	3330	2690	81	54 - 126	
Dibenzofuran	3330	2800	84	62 - 102	
Diethyl phthalate	3330	3000	90	61 - 110	
Dimethyl phthalate	3330	2920	88	64 - 108	
Di-n-butyl phthalate	3330	3080	92	62 - 114	
Di-n-octyl phthalate	3330	3450	104	52 - 137	
Fluoranthene	3330	2840	85	59 - 109	
Fluorene	3330	2780	83	65 - 108	
Hexachlorobenzene	3330	2750	82	65 - 117	
Hexachlorobutadiene	3330	2460	74	60 - 105	
Hexachlorocyclopentadiene	3330	2900	87	37 - 119	
Hexachloroethane	3330	2490	75	60 - 94	
Indeno[1,2,3-cd]pyrene	3330	2660	80	50 - 134	
Isophorone	3330	2910	87	60 - 102	
Naphthalene	3330	2640	79	64 - 99	
Nitrobenzene	3330	2700	81	59 - 102	
N-Nitrosodi-n-propylamine	3330	2810	84	56 - 112	
N-Nitrosodiphenylamine	3330	2950	88	71 - 119	
Pentachlorophenol	6670	5540	83	47 - 115	
Phenanthrene	3330	2850	86	66 - 105	
Phenol	3330	2700	81	55 - 99	
Pyrene	3330	3340	100	55 - 126	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	76	10 - 95
2-Fluorobiphenyl	79	27 - 84
2-Fluorophenol (Surr)	76	21 - 84
Nitrobenzene-d5 (Surr)	78	28 - 92
Phenol-d5 (Surr)	78	22 - 88
Terphenyl-d14 (Surr)	95	16 - 114

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Control Sample - Batch: 460-359378

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-359378/3-A	Analysis Batch:	460-359751	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-359378	Lab File ID:	L132175.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	03/31/2016 0729	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/29/2016 1005			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	6670	6680	100	41 - 116	
Benzaldehyde	6670	5330	80	55 - 116	
Caprolactam	6670	6740	101	44 - 129	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	61	10 - 95
2-Fluorobiphenyl	76	27 - 84
2-Fluorophenol (Surr)	72	21 - 84
Nitrobenzene-d5 (Surr)	79	28 - 92
Phenol-d5 (Surr)	71	22 - 88
Terphenyl-d14 (Surr)	91	16 - 114

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-359378

Method: 8270D
Preparation: 3546

MS Lab Sample ID: 460-111024-B-7-A MS	Analysis Batch: 460-359751	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-359378	Lab File ID: L132190.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.0224 g
Analysis Date: 03/31/2016 1401		Final Weight/Volume: 1 mL
Prep Date: 03/29/2016 1005		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-111024-B-7-B MSD	Analysis Batch: 460-359751	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-359378	Lab File ID: L132191.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.0014 g
Analysis Date: 03/31/2016 1427		Final Weight/Volume: 1 mL
Prep Date: 03/29/2016 1005		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1'-Biphenyl	79	85	64 - 103	7	30		
1,2,4,5-Tetrachlorobenzene	76	81	62 - 109	6	30		
2,2'-oxybis[1-chloropropane]	80	84	42 - 119	5	30		
2,3,4,6-Tetrachlorophenol	57	65	57 - 113	13	30		
2,4,5-Trichlorophenol	64	71	59 - 105	11	30		
2,4,6-Trichlorophenol	71	79	61 - 107	11	30		
2,4-Dichlorophenol	74	79	59 - 99	8	30		
2,4-Dimethylphenol	78	84	60 - 98	7	30		
2,4-Dinitrophenol	0	5	26 - 137	NC	30	U *	*
2,4-Dinitrotoluene	83	94	61 - 118	13	30		
2,6-Dinitrotoluene	84	94	63 - 112	11	30		
2-Chloronaphthalene	80	85	63 - 102	6	30		
2-Chlorophenol	77	83	58 - 95	8	30		
2-Methylnaphthalene	78	83	64 - 102	7	30		
2-Methylphenol	79	87	56 - 99	10	30		
2-Nitroaniline	82	90	46 - 113	9	30		
2-Nitrophenol	59	62	63 - 103	4	30	*	*
3,3'-Dichlorobenzidine	47	50	18 - 92	7	30		
3-Nitroaniline	59	66	23 - 89	11	30		
4,6-Dinitro-2-methylphenol	13	16	51 - 124	18	30	*	*
4-Bromophenyl phenyl ether	86	90	65 - 114	4	30		
4-Chloro-3-methylphenol	80	89	58 - 108	10	30		
4-Chloroaniline	32	35	10 - 82	9	30		
4-Chlorophenyl phenyl ether	79	85	63 - 107	8	30		
4-Methylphenol	79	86	53 - 103	10	30		
4-Nitroaniline	62	73	44 - 109	15	30		
4-Nitrophenol	61	71	45 - 125	15	30		
Acenaphthene	71	77	59 - 102	8	30		
Acenaphthylene	83	89	63 - 102	7	30		
Acetophenone	79	86	56 - 107	8	30		
Anthracene	86	91	66 - 105	6	30		
Atrazine	99	107	41 - 116	8	30		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-359378

Method: 8270D
Preparation: 3546

MS Lab Sample ID: 460-111024-B-7-A MS	Analysis Batch: 460-359751	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-359378	Lab File ID: L132190.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.0224 g
Analysis Date: 03/31/2016 1401		Final Weight/Volume: 1 mL
Prep Date: 03/29/2016 1005		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-111024-B-7-B MSD	Analysis Batch: 460-359751	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-359378	Lab File ID: L132191.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.0014 g
Analysis Date: 03/31/2016 1427		Final Weight/Volume: 1 mL
Prep Date: 03/29/2016 1005		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzaldehyde	69	75	55 - 116	8	30		
Benzo[a]anthracene	84	90	65 - 106	6	30		
Benzo[a]pyrene	90	97	68 - 111	7	30		
Benzo[b]fluoranthene	88	98	67 - 116	11	30		
Benzo[g,h,i]perylene	82	88	49 - 124	7	30		
Benzo[k]fluoranthene	90	96	65 - 114	6	30		
Bis(2-chloroethoxy)methane	80	85	61 - 102	6	30		
Bis(2-chloroethyl)ether	79	84	58 - 102	7	30		
Bis(2-ethylhexyl) phthalate	92	98	60 - 125	7	30		
Butyl benzyl phthalate	98	104	62 - 123	6	30		
Caprolactam	67	78	44 - 129	15	30		
Carbazole	78	87	62 - 107	12	30		
Chrysene	89	94	64 - 105	6	30		
Dibenz(a,h)anthracene	87	95	54 - 126	8	30		
Dibenzofuran	80	88	62 - 102	9	30		
Diethyl phthalate	84	94	61 - 110	11	30		
Dimethyl phthalate	84	92	64 - 108	9	30		
Di-n-butyl phthalate	86	95	62 - 114	10	30		
Di-n-octyl phthalate	93	104	52 - 137	11	30		
Fluoranthene	80	88	59 - 109	10	30		
Fluorene	79	87	65 - 108	10	30		
Hexachlorobenzene	81	85	65 - 117	6	30		
Hexachlorobutadiene	74	77	60 - 105	3	30		
Hexachlorocyclopentadiene	82	86	37 - 119	4	30		
Hexachloroethane	73	76	60 - 94	5	30		
Indeno[1,2,3-cd]pyrene	87	92	50 - 134	6	30		
Isophorone	86	92	60 - 102	6	30		
Naphthalene	78	83	64 - 99	6	30		
Nitrobenzene	79	83	59 - 102	5	30		
N-Nitrosodi-n-propylamine	84	90	56 - 112	7	30		
N-Nitrosodiphenylamine	86	91	71 - 119	7	30		
Pentachlorophenol	36	42	47 - 115	16	30	*	*

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-359378

Method: 8270D
Preparation: 3546

MS Lab Sample ID: 460-111024-B-7-A MS	Analysis Batch: 460-359751	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-359378	Lab File ID: L132190.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.0224 g
Analysis Date: 03/31/2016 1401		Final Weight/Volume: 1 mL
Prep Date: 03/29/2016 1005		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-111024-B-7-B MSD	Analysis Batch: 460-359751	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-359378	Lab File ID: L132191.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.0014 g
Analysis Date: 03/31/2016 1427		Final Weight/Volume: 1 mL
Prep Date: 03/29/2016 1005		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phenanthrene	84	91	66 - 105	8	30		
Phenol	77	84	55 - 99	10	30		
Pyrene	97	102	55 - 126	5	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
2,4,6-Tribromophenol (Surr)	63		72	10 - 95			
2-Fluorobiphenyl	77		83	27 - 84			
2-Fluorophenol (Surr)	71		77	21 - 84			
Nitrobenzene-d5 (Surr)	77		82	28 - 92			
Phenol-d5 (Surr)	75		82	22 - 88			
Terphenyl-d14 (Surr)	91		98	16 - 114			

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Method Blank - Batch: 460-359263

Method: 6010C
Preparation: 3010A

Lab Sample ID: MB 460-359263/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/29/2016 2109
Prep Date: 03/28/2016 2137
Leach Date: N/A

Analysis Batch: 460-359469
Prep Batch: 460-359263
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP5
Lab File ID: 03292016.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	15.0	U	4.4	15.0
Barium	200	U	5.5	200
Cadmium	4.0	U	2.3	4.0
Chromium	10.0	U	4.5	10.0
Lead	10.0	U	4.2	10.0
Selenium	20.0	U	6.8	20.0
Silver	10.0	U	1.9	10.0

TCLP SPLPE Leachate Blank - Batch: 460-359263

Method: 6010C
Preparation: 3010A
TCLP

Lab Sample ID: LB 460-359017/1-C ^5
Client Matrix: Solid
Dilution: 5.0
Analysis Date: 03/29/2016 2113
Prep Date: 03/28/2016 2137
Leach Date: 03/27/2016 1300

Analysis Batch: 460-359469
Prep Batch: 460-359263
Leach Batch: 460-359017
Units: ug/L

Instrument ID: ICP5
Lab File ID: 03292016.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	75.0	U	22.1	75.0
Barium	1000	U	27.5	1000
Cadmium	20.0	U	11.6	20.0
Chromium	50.0	U	22.5	50.0
Lead	50.0	U	20.8	50.0
Selenium	100	U	33.8	100
Silver	50.0	U	9.3	50.0

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Lab Control Sample - Batch: 460-359263

Method: 6010C
Preparation: 3010A

Lab Sample ID:	LCS 460-359263/2-A ^2	Analysis Batch:	460-359469	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-359263	Lab File ID:	03292016.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	03/29/2016 2129	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	03/28/2016 2137				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	5000	4514	90	80 - 120	
Barium	10000	9934	99	80 - 120	
Cadmium	1000	1024	102	80 - 120	
Chromium	5000	5240	105	80 - 120	
Lead	5000	4934	99	80 - 120	
Selenium	1000	970.4	97	80 - 120	
Silver	500	489.2	98	80 - 120	

Matrix Spike - Batch: 460-359263

Method: 6010C
Preparation: 3010A
TCLP

Lab Sample ID:	460-110971-A-1-E MS ^5	Analysis Batch:	460-359469	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-359263	Lab File ID:	03292016.asc
Dilution:	5.0	Leach Batch:	460-359017	Initial Weight/Volume:	50 mL
Analysis Date:	03/29/2016 2054	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	03/28/2016 2137				
Leach Date:	03/27/2016 1300				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	75.0	U	5000	4682	94	75 - 125	
Barium	1470		10000	11280	98	75 - 125	
Cadmium	38.4		1000	1068	103	75 - 125	
Chromium	50.0	U	5000	5200	104	75 - 125	
Lead	143		5000	5015	97	75 - 125	
Selenium	100	U	1000	1045	105	75 - 125	
Silver	50.0	U	500	492.9	99	75 - 125	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Duplicate - Batch: 460-359263

Method: 6010C
Preparation: 3010A
TCLP

Lab Sample ID:	460-110971-A-1-D DU ^5	Analysis Batch:	460-359469	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-359263	Lab File ID:	03292016.asc
Dilution:	5.0	Leach Batch:	460-359017	Initial Weight/Volume:	50 mL
Analysis Date:	03/29/2016 2058	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	03/28/2016 2137				
Leach Date:	03/27/2016 1300				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	75.0	U	27.16	NC	20	J
Barium	1470		1419	3	20	
Cadmium	38.4		37.13	3	20	
Chromium	50.0	U	50.0	NC	20	U
Lead	143		138.0	3	20	
Selenium	100	U	100	NC	20	U
Silver	50.0	U	50.0	NC	20	U

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Method Blank - Batch: 460-359319

Method: 6010C

Preparation: 3050B

Lab Sample ID: MB 460-359319/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 03/29/2016 1453
Prep Date: 03/29/2016 0501
Leach Date: N/A

Analysis Batch: 460-359469
Prep Batch: 460-359319
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP5
Lab File ID: 03292016.asc
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	10.3	20.0
Antimony	2.0	U	0.79	2.0
Arsenic	1.5	U	0.49	1.5
Barium	20.0	U	0.72	20.0
Beryllium	0.20	U	0.17	0.20
Cadmium	0.40	U	0.21	0.40
Calcium	500	U	29.6	500
Chromium	1.0	U	0.48	1.0
Cobalt	5.0	U	0.58	5.0
Copper	2.5	U	0.65	2.5
Iron	15.0	U	11.3	15.0
Lead	1.0	U	0.39	1.0
Magnesium	500	U	25.0	500
Manganese	1.5	U	0.53	1.5
Nickel	4.0	U	0.73	4.0
Potassium	500	U	15.2	500
Selenium	2.0	U	0.69	2.0
Silver	1.0	U	0.18	1.0
Sodium	500	U	33.9	500
Thallium	2.0	U	0.89	2.0
Vanadium	5.0	U	0.50	5.0
Zinc	3.0	U	0.73	3.0

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

LCS-Certified Reference Material - Batch: 460-359319

Method: 6010C

Preparation: 3050B

Lab Sample ID: LCSSRM 460-359319/2-~~A~~ Analysis Batch: 460-359469
Client Matrix: Solid Prep Batch: 460-359319
Dilution: 4.0 Leach Batch: N/A
Analysis Date: 03/29/2016 1508 Units: mg/Kg
Prep Date: 03/29/2016 0501
Leach Date: N/A

Instrument ID: ICP5
Lab File ID: 03292016.asc
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7930	6982	88.0	50.2 - 150.1	
Antimony	105	79.60	75.8	0.1 - 201.0	
Arsenic	98.5	93.96	95.4	77.8 - 122.8	
Barium	308	309.0	100.3	82.5 - 117.5	
Beryllium	66.0	65.36	99.0	83.0 - 116.8	
Cadmium	146	148.6	101.8	82.9 - 117.8	
Calcium	6610	6236	94.3	83.7 - 116.2	
Chromium	182	181.9	100	79.7 - 120.3	
Cobalt	162	165.1	101.9	83.3 - 116.0	
Copper	106	101.4	95.7	81.5 - 118.9	
Iron	14400	13390	93.0	44.1 - 155.6	
Lead	130	128.1	98.5	82.3 - 117.7	
Magnesium	2640	2394	90.7	75.8 - 124.6	
Manganese	410	411.8	100.4	81.2 - 119.0	
Nickel	149	155.8	104.6	82.6 - 117.4	
Potassium	2550	2246	88.1	69.0 - 130.6	
Selenium	154	146.9	95.4	77.9 - 122.1	
Silver	40.9	37.54	91.8	75.1 - 124.7	
Sodium	2480	2552	102.9	70.6 - 129.0	
Thallium	175	188.5	107.7	78.3 - 121.1	
Vanadium	96.7	94.48	97.7	77.2 - 123.1	
Zinc	191	189.7	99.3	83.2 - 116.8	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Matrix Spike - Batch: 460-359319

Method: 6010C

Preparation: 3050B

Lab Sample ID:	460-110936-D-10-G MS ^	Analysis Batch:	460-359469	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-359319	Lab File ID:	03292016.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	03/29/2016 1438	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	03/29/2016 0501				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	13600	242	15610	842	75 - 125	4
Antimony	4.8 U	60.5	32.05	53	75 - 125	N
Arsenic	26.3	242	247.9	92	75 - 125	
Barium	64.9	242	301.6	98	75 - 125	
Beryllium	1.1	6.05	7.16	101	75 - 125	
Cadmium	0.72 J	6.05	6.48	95	75 - 125	
Calcium	2080	2420	4275	91	75 - 125	
Chromium	66.6	24.2	92.58	107	75 - 125	
Cobalt	15.9	60.5	73.12	95	75 - 125	
Copper	38.6	30.3	67.68	96	75 - 125	
Iron	28600	121	29310	600	75 - 125	4
Lead	104	60.5	153.7	82	75 - 125	
Magnesium	3770	2420	6102	96	75 - 125	
Manganese	892	60.5	812.6	-132	75 - 125	4
Nickel	26.7	60.5	85.93	98	75 - 125	
Potassium	2470	2420	4846	98	75 - 125	
Selenium	2.1 J	242	223.0	91	75 - 125	
Silver	2.4 U	6.05	5.77	95	75 - 125	
Sodium	104 J	2420	2430	96	75 - 125	
Thallium	4.8 U	242	241.1	100	75 - 125	
Vanadium	48.6	60.5	109.8	101	75 - 125	
Zinc	282	60.5	321.7	66	75 - 125	4

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Duplicate - Batch: 460-359319

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-110936-A-10-B DU ^	Analysis Batch:	460-359469	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-359319	Lab File ID:	03292016.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	03/29/2016 1441	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	03/29/2016 0501				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	13600		12760	6	20	
Antimony	4.8	U	4.8	NC	20	U
Arsenic	26.3		25.34	4	20	
Barium	64.9		61.46	5	20	
Beryllium	1.1		0.986	9	20	
Cadmium	0.72	J	0.641	11	20	J
Calcium	2080		1860	11	20	
Chromium	66.6		62.21	7	20	
Cobalt	15.9		14.05	12	20	
Copper	38.6		36.45	6	20	
Iron	28600		27090	5	20	
Lead	104		94.66	9	20	
Magnesium	3770		3539	6	20	
Manganese	892		766.3	15	20	
Nickel	26.7		23.76	12	20	
Potassium	2470		2305	7	20	
Selenium	2.1	J	4.8	NC	20	U
Silver	2.4	U	2.4	NC	20	U
Sodium	104	J	98.56	6	20	J
Thallium	4.8	U	4.8	NC	20	U
Vanadium	48.6		45.87	6	20	
Zinc	282		249.8	12	20	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-111068-1

Duplicate - Batch: 460-359421

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	460-111079-E-3 DU	Analysis Batch:	460-359421	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/29/2016 1331	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	17.5	18.0	2	20	
Percent Solids	82.5	82.0	0.5	20	

THE LEADER IN ENVIRONMENTAL TESTING

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**3-day
RUSH**

Water Metals Filtered (Yes/No)?

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL - 0016 (0715)

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-111068-1

Login Number: 111068

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4°C IR#6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.