

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-132355-1

Client Project/Site: Schatz Plant #1711338 PIN 07800

Revision: 1

For:

New York State D.E.C.

625 Broadway

11th Floor

Albany, New York 12233-3256

Attn: Mr. Daniel Lanners



Authorized for release by:

4/10/2018 7:51:26 PM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Judy Stone
Senior Project Manager
4/10/2018 7:51:26 PM



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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
X	Surrogate is outside control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

TestAmerica Buffalo

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Job ID: 480-132355-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-132355-1

Revision (1)

The report has been revised to expand the analyte list to include TCL/TAL analytes for the waste and water samples. The water sample is being rerun for total TAL metals and the soils are being rerun for the TCL/TAL lists and will be reported in a separate report.

Receipt

The samples were received on 3/9/2018 12:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5° C.

Receipt Exceptions

Client had intended to request full TCL/TAL list. We will revise the analyte list for the waste sample and water sample. Soils will be relogged to add these.

GC/MS VOA

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-403678 and analytical batch 480-403853 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: D-2 (480-132355-4)

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: D-2 (480-132355-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-403938 recovered above the upper control limit for Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: D-1 (480-132355-5).

Method(s) 8260C: The following sample was analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: D-1 (480-132355-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP sample matrix: S-1 (480-132355-1), (LB 480-403752/1-A), (480-132355-A-1-B MS) and (480-132355-A-1-B MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: S-2 (480-132355-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-403853 recovered above the upper control limit for 2-Butanone (MEK), Chloromethane and Vinyl chloride. The samples associated with this CCV were not detected over the reporting limit (RL) for the affected analytes; therefore, the data have been reported. The following sample is impacted: D-2 (480-132355-4).

Method(s) 8260C: The analyte Methylene Chloride was detected in sample D-2 (480-132355-4) at a concentration above the linear range of the initial calibration curve. The sample was not re-analyzed at the required dilution since the analyte was not originally requested. The value being reported is qualified as estimated with an E flag.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method(s) 8270D: Surrogate recovery for the following sample was outside control limits: D-2 (480-132355-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270D: The laboratory blank (LB) for preparation batch 480-403674 and 480-403804 and analytical batch 480-404046 contained 2-Methylnaphthalene above the reporting limit (RL). Associated sample(s) were not re-extracted because results were greater than 10X the value found in the method blank.

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: D-2

Case Narrative

Client: New York State D.E.C.
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Laboratory: TestAmerica Buffalo (Continued)

(480-132355-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample required a dilution due to the nature of the sample matrix: D-2 (480-132355-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270D: The initial calibration curve analyzed in analytical batch 405952 and associated with analytical batch 407344 was outside acceptance criteria for Pentachlorophenol. A standard at the reporting limit (RL) was analyzed and found to be acceptable. Since the associated sample was non-detect for this analyte, the data have been reported. The following sample is impacted: D-2 (480-132355-4).

Method(s) 8270D: The initial calibration curve analyzed in analytical batch 403780 and associated with analytical batch 404040 was outside acceptance criteria for the analyte Bis(2-chloroethoxy)methane. A standard at the reporting limit (RL) was analyzed and found to be acceptable. Since the associated sample was non-detect for this analyte, the data have been reported. The following sample is impacted: D-1 (480-132355-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8081B: The following samples were diluted due to the nature of the sample matrix : S-1 (480-132355-1), S-2 (480-132355-2), and D-2 (480-132355-4). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method(s) 8081B: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 8081B: All primary data for analytical batches 403890 and 404181 are reported from the RTX-CLPII column.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 480-403983 recovered above the upper control limit for Silvex (2,4,5-TP), 2,4-D and the surrogate 2,4-Dichlorophenylacetic acid. The samples associated with this CCV were non-detects for the affected analytes, and the surrogate results are not adversely affected; therefore, the data have been reported. The following sample is impacted: D-2 (480-132355-4).

Method(s) 8151A: Surrogate recovery for the following samples was outside control limits: D-2 (480-132355-4) and (LB 480-403748/1-F). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8151A: The following sample was diluted due to the nature of the sample matrix: S-2 (480-132355-2). Elevated reporting limits (RLs) are provided.

Method(s) 8151A: All primary data for analytical batches 403983 and 404612 are reported from the RTX-CLPI column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method(s) 3010A: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: S-1 (480-132355-1) and D-2 (480-132355-4). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 6010C: The Continuing Calibration Blank (CCB 480-404358/27) contained Total Barium above the reporting limit (RL). All reported samples D-1 (480-132355-5), (LCDSRM 480-404010/3-) and (LCSSRM 480-404010/2-) associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method(s) 6010C: The Low Level Continuing Calibration Verification (CCVL 480-404358/28) contained Total Barium outside the control limits. All reported samples D-1 (480-132355-5), (LCDSRM 480-404010/3-) and (LCSSRM 480-404010/2-) associated with this CCVL

Case Narrative

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Laboratory: TestAmerica Buffalo (Continued)

were either below the laboratory's standard reporting limit for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

Method(s) 7470A: Due to interference from the sample matrix, the standard mercury preparation procedure was inadequate for the following sample: D-2 (480-132355-4). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample was prepared and analyzed at a 1:5 dilution, which maintained the purple color during digestion.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: The sample is an oily matrix: D-2 (480-132355-4).

Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: D-2 (480-132355-4). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3510C: During pH adjustment, the following sample required a drop of base to reach the desired pH: D-2 (480-132355-4).

Method(s) 3510C: Due to the matrix, the following sample could not be concentrated to the final method required volume: D-2 (480-132355-4). The reporting limits (RLs) are elevated proportionately.

Method(s) 3510C: The following sample required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: D-2 (480-132355-4).

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-403748 and 480-403943.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-403748 and 480-403897.

Method(s) 3580A: The following sample required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: D-1 (480-132355-5).

Method(s) 8151A: Due to the matrix, the initial volume used for the following samples deviated from the standard procedure: S-1 (480-132355-1) and D-2 (480-132355-4). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 8151A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-403748 and 480-404232.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: S-1

Lab Sample ID: 480-132355-1

Date Collected: 03/06/18 10:30

Matrix: Solid

Date Received: 03/09/18 00:45

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			03/14/18 19:31	10
2-Butanone (MEK)	0.017	J	0.050	0.013	mg/L			03/14/18 19:31	10
Benzene	ND		0.010	0.0041	mg/L			03/14/18 19:31	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			03/14/18 19:31	10
Chlorobenzene	ND		0.010	0.0075	mg/L			03/14/18 19:31	10
Chloroform	ND		0.010	0.0034	mg/L			03/14/18 19:31	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			03/14/18 19:31	10
Trichloroethene	ND		0.010	0.0046	mg/L			03/14/18 19:31	10
Vinyl chloride	ND		0.010	0.0090	mg/L			03/14/18 19:31	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			03/14/18 19:31	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		03/14/18 19:31	10
4-Bromofluorobenzene (Surr)	101		73 - 120		03/14/18 19:31	10
Toluene-d8 (Surr)	101		80 - 120		03/14/18 19:31	10
Dibromofluoromethane (Surr)	104		75 - 123		03/14/18 19:31	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		03/14/18 09:45	03/15/18 00:04	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		03/14/18 09:45	03/15/18 00:04	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		03/14/18 09:45	03/15/18 00:04	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		03/14/18 09:45	03/15/18 00:04	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		03/14/18 09:45	03/15/18 00:04	1
3-Methylphenol	ND		0.010	0.00040	mg/L		03/14/18 09:45	03/15/18 00:04	1
4-Methylphenol	ND		0.010	0.00036	mg/L		03/14/18 09:45	03/15/18 00:04	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		03/14/18 09:45	03/15/18 00:04	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		03/14/18 09:45	03/15/18 00:04	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		03/14/18 09:45	03/15/18 00:04	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		03/14/18 09:45	03/15/18 00:04	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		03/14/18 09:45	03/15/18 00:04	1
Pyridine	ND		0.025	0.00041	mg/L		03/14/18 09:45	03/15/18 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		41 - 120	03/14/18 09:45	03/15/18 00:04	1
2-Fluorobiphenyl	86		48 - 120	03/14/18 09:45	03/15/18 00:04	1
2-Fluorophenol (Surr)	44		35 - 120	03/14/18 09:45	03/15/18 00:04	1
Nitrobenzene-d5 (Surr)	77		46 - 120	03/14/18 09:45	03/15/18 00:04	1
p-Terphenyl-d14 (Surr)	59		59 - 136	03/14/18 09:45	03/15/18 00:04	1
Phenol-d5 (Surr)	31		22 - 120	03/14/18 09:45	03/15/18 00:04	1

Method: 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.020	0.00029	mg/L		03/14/18 09:41	03/15/18 14:44	10
Endrin	ND		0.0020	0.00014	mg/L		03/14/18 09:41	03/15/18 14:44	10
gamma-BHC (Lindane)	ND		0.0020	0.000060	mg/L		03/14/18 09:41	03/15/18 14:44	10
Heptachlor	ND		0.0020	0.000085	mg/L		03/14/18 09:41	03/15/18 14:44	10
Heptachlor epoxide	ND		0.0020	0.000053	mg/L		03/14/18 09:41	03/15/18 14:44	10
Methoxychlor	ND		0.0020	0.00014	mg/L		03/14/18 09:41	03/15/18 14:44	10
Toxaphene	ND		0.020	0.0012	mg/L		03/14/18 09:41	03/15/18 14:44	10

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: S-1

Lab Sample ID: 480-132355-1

Date Collected: 03/06/18 10:30

Matrix: Solid

Date Received: 03/09/18 00:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	13	X	20 - 120	03/14/18 09:41	03/15/18 14:44	10
DCB Decachlorobiphenyl	32		20 - 120	03/14/18 09:41	03/15/18 14:44	10
Tetrachloro-m-xylene	377	X	44 - 120	03/14/18 09:41	03/15/18 14:44	10
Tetrachloro-m-xylene	302	X	44 - 120	03/14/18 09:41	03/15/18 14:44	10

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0028	0.00050	mg/L		03/15/18 14:04	03/19/18 14:49	1
2,4-D	ND		0.0028	0.00056	mg/L		03/15/18 14:04	03/19/18 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	72		48 - 132	03/15/18 14:04	03/19/18 14:49	1
2,4-Dichlorophenylacetic acid	423	X	48 - 132	03/15/18 14:04	03/19/18 14:49	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013	J	0.030	0.011	mg/L		03/14/18 10:25	03/14/18 20:35	1
Barium	0.27	J	2.0	0.20	mg/L		03/14/18 10:25	03/14/18 20:35	1
Cadmium	0.0045		0.0040	0.0010	mg/L		03/14/18 10:25	03/14/18 20:35	1
Chromium	ND		0.040	0.020	mg/L		03/14/18 10:25	03/14/18 20:35	1
Lead	0.032	J	0.040	0.0060	mg/L		03/14/18 10:25	03/14/18 20:35	1
Selenium	ND		0.050	0.017	mg/L		03/14/18 10:25	03/14/18 20:35	1
Silver	ND		0.012	0.0034	mg/L		03/14/18 10:25	03/14/18 20:35	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/14/18 13:05	03/14/18 17:39	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: S-2

Lab Sample ID: 480-132355-2

Date Collected: 03/06/18 11:00

Matrix: Solid

Date Received: 03/09/18 00:45

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.050	0.011	mg/L			03/14/18 23:54	50
2-Butanone (MEK)	ND		0.25	0.066	mg/L			03/14/18 23:54	50
Benzene	ND		0.050	0.021	mg/L			03/14/18 23:54	50
Carbon tetrachloride	ND		0.050	0.014	mg/L			03/14/18 23:54	50
Chlorobenzene	ND		0.050	0.038	mg/L			03/14/18 23:54	50
Chloroform	ND		0.050	0.017	mg/L			03/14/18 23:54	50
Tetrachloroethene	ND		0.050	0.018	mg/L			03/14/18 23:54	50
Trichloroethene	ND		0.050	0.023	mg/L			03/14/18 23:54	50
Vinyl chloride	ND		0.050	0.045	mg/L			03/14/18 23:54	50
1,1-Dichloroethene	ND		0.050	0.015	mg/L			03/14/18 23:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		03/14/18 23:54	50
4-Bromofluorobenzene (Surr)	103		73 - 120		03/14/18 23:54	50
Toluene-d8 (Surr)	105		80 - 120		03/14/18 23:54	50
Dibromofluoromethane (Surr)	107		75 - 123		03/14/18 23:54	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		03/14/18 09:45	03/15/18 00:31	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		03/14/18 09:45	03/15/18 00:31	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		03/14/18 09:45	03/15/18 00:31	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		03/14/18 09:45	03/15/18 00:31	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		03/14/18 09:45	03/15/18 00:31	1
3-Methylphenol	ND		0.010	0.00040	mg/L		03/14/18 09:45	03/15/18 00:31	1
4-Methylphenol	ND		0.010	0.00036	mg/L		03/14/18 09:45	03/15/18 00:31	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		03/14/18 09:45	03/15/18 00:31	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		03/14/18 09:45	03/15/18 00:31	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		03/14/18 09:45	03/15/18 00:31	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		03/14/18 09:45	03/15/18 00:31	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		03/14/18 09:45	03/15/18 00:31	1
Pyridine	ND		0.025	0.00041	mg/L		03/14/18 09:45	03/15/18 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		41 - 120	03/14/18 09:45	03/15/18 00:31	1
2-Fluorobiphenyl	75		48 - 120	03/14/18 09:45	03/15/18 00:31	1
2-Fluorophenol (Surr)	48		35 - 120	03/14/18 09:45	03/15/18 00:31	1
Nitrobenzene-d5 (Surr)	81		46 - 120	03/14/18 09:45	03/15/18 00:31	1
p-Terphenyl-d14 (Surr)	82		59 - 136	03/14/18 09:45	03/15/18 00:31	1
Phenol-d5 (Surr)	38		22 - 120	03/14/18 09:45	03/15/18 00:31	1

Method: 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.020	0.00029	mg/L		03/14/18 09:41	03/15/18 15:04	10
Endrin	ND		0.0020	0.00014	mg/L		03/14/18 09:41	03/15/18 15:04	10
gamma-BHC (Lindane)	ND		0.0020	0.000060	mg/L		03/14/18 09:41	03/15/18 15:04	10
Heptachlor	ND		0.0020	0.000085	mg/L		03/14/18 09:41	03/15/18 15:04	10
Heptachlor epoxide	ND		0.0020	0.000053	mg/L		03/14/18 09:41	03/15/18 15:04	10
Methoxychlor	ND		0.0020	0.00014	mg/L		03/14/18 09:41	03/15/18 15:04	10
Toxaphene	ND		0.020	0.0012	mg/L		03/14/18 09:41	03/15/18 15:04	10

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: S-2

Lab Sample ID: 480-132355-2

Date Collected: 03/06/18 11:00

Matrix: Solid

Date Received: 03/09/18 00:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	9	X	20 - 120	03/14/18 09:41	03/15/18 15:04	10
DCB Decachlorobiphenyl	25		20 - 120	03/14/18 09:41	03/15/18 15:04	10
Tetrachloro-m-xylene	408	X	44 - 120	03/14/18 09:41	03/15/18 15:04	10
Tetrachloro-m-xylene	454	X	44 - 120	03/14/18 09:41	03/15/18 15:04	10

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0040	0.00072	mg/L		03/15/18 14:04	03/19/18 19:17	2
2,4-D	0.0090		0.0040	0.00080	mg/L		03/15/18 14:04	03/19/18 19:17	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	68		48 - 132	03/15/18 14:04	03/19/18 19:17	2
2,4-Dichlorophenylacetic acid	191	X	48 - 132	03/15/18 14:04	03/19/18 19:17	2

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		03/14/18 10:25	03/14/18 20:39	1
Barium	0.13	J	1.0	0.10	mg/L		03/14/18 10:25	03/14/18 20:39	1
Cadmium	0.0086		0.0020	0.00050	mg/L		03/14/18 10:25	03/14/18 20:39	1
Chromium	ND		0.020	0.010	mg/L		03/14/18 10:25	03/14/18 20:39	1
Lead	0.023		0.020	0.0030	mg/L		03/14/18 10:25	03/14/18 20:39	1
Selenium	ND		0.025	0.0087	mg/L		03/14/18 10:25	03/14/18 20:39	1
Silver	ND		0.0060	0.0017	mg/L		03/14/18 10:25	03/14/18 20:39	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/14/18 13:05	03/14/18 17:41	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.10	0.021	mg/L			03/14/18 06:02	100
2-Butanone (MEK)	0.23	J	0.50	0.13	mg/L			03/14/18 06:02	100
Benzene	ND		0.10	0.041	mg/L			03/14/18 06:02	100
Carbon tetrachloride	ND		0.10	0.027	mg/L			03/14/18 06:02	100
Chlorobenzene	ND		0.10	0.075	mg/L			03/14/18 06:02	100
Chloroform	ND		0.10	0.034	mg/L			03/14/18 06:02	100
Tetrachloroethene	ND		0.10	0.036	mg/L			03/14/18 06:02	100
Trichloroethene	ND		0.10	0.046	mg/L			03/14/18 06:02	100
Vinyl chloride	ND		0.10	0.090	mg/L			03/14/18 06:02	100
1,1-Dichloroethene	ND		0.10	0.029	mg/L			03/14/18 06:02	100
1,1,1-Trichloroethane	ND		0.10	0.082	mg/L			03/14/18 06:02	100
cis-1,3-Dichloropropene	ND		0.10	0.036	mg/L			03/14/18 06:02	100
Carbon disulfide	ND		0.10	0.019	mg/L			03/14/18 06:02	100
Bromoform	ND		0.10	0.026	mg/L			03/14/18 06:02	100
1,1-Dichloroethane	ND		0.10	0.038	mg/L			03/14/18 06:02	100
1,2-Dichloropropane	ND		0.10	0.072	mg/L			03/14/18 06:02	100
1,1,2-Trichloroethane	ND		0.10	0.023	mg/L			03/14/18 06:02	100
Acetone	7.8		0.50	0.30	mg/L			03/14/18 06:02	100
Methyl acetate	ND		0.10	0.050	mg/L			03/14/18 06:02	100
Dichlorodifluoromethane	ND		0.10	0.068	mg/L			03/14/18 06:02	100
4-Methyl-2-pentanone (MIBK)	ND		0.50	0.21	mg/L			03/14/18 06:02	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.10	0.031	mg/L			03/14/18 06:02	100
Methylene Chloride	520	E B	0.10	0.044	mg/L			03/14/18 06:02	100
Chloromethane	ND		0.10	0.034	mg/L			03/14/18 06:02	100
Bromomethane	ND		0.10	0.069	mg/L			03/14/18 06:02	100
Dibromochloromethane	ND		0.10	0.032	mg/L			03/14/18 06:02	100
Toluene	0.17		0.10	0.051	mg/L			03/14/18 06:02	100
1,2,4-Trichlorobenzene	ND		0.10	0.041	mg/L			03/14/18 06:02	100
1,2-Dibromo-3-Chloropropane	ND		0.10	0.039	mg/L			03/14/18 06:02	100
1,3-Dichlorobenzene	ND		0.10	0.078	mg/L			03/14/18 06:02	100
Methyl tert-butyl ether	ND		0.10	0.016	mg/L			03/14/18 06:02	100
Styrene	ND		0.10	0.073	mg/L			03/14/18 06:02	100
trans-1,2-Dichloroethene	ND		0.10	0.090	mg/L			03/14/18 06:02	100
1,1,2,2-Tetrachloroethane	ND		0.10	0.021	mg/L			03/14/18 06:02	100
Chloroethane	ND		0.10	0.032	mg/L			03/14/18 06:02	100
1,2-Dichlorobenzene	ND		0.10	0.079	mg/L			03/14/18 06:02	100
2-Hexanone	ND		0.50	0.12	mg/L			03/14/18 06:02	100
Ethylbenzene	0.094	J	0.10	0.074	mg/L			03/14/18 06:02	100
Isopropylbenzene	ND		0.10	0.079	mg/L			03/14/18 06:02	100
Methylcyclohexane	ND		0.10	0.016	mg/L			03/14/18 06:02	100
Trichlorofluoromethane	ND		0.10	0.088	mg/L			03/14/18 06:02	100
Xylenes, Total	0.35		0.20	0.066	mg/L			03/14/18 06:02	100
Cyclohexane	ND		0.10	0.018	mg/L			03/14/18 06:02	100
trans-1,3-Dichloropropene	ND		0.10	0.037	mg/L			03/14/18 06:02	100
cis-1,2-Dichloroethene	ND		0.10	0.081	mg/L			03/14/18 06:02	100
1,2-Dibromoethane	ND		0.10	0.073	mg/L			03/14/18 06:02	100
1,4-Dichlorobenzene	ND		0.10	0.084	mg/L			03/14/18 06:02	100
Bromodichloromethane	ND		0.10	0.038	mg/L			03/14/18 06:02	100

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.40	T J	mg/L		6.72			03/14/18 06:02	100
Pentanal	0.81	T J N	mg/L		11.13	110-62-3		03/14/18 06:02	100
Unknown	2.3	T J	mg/L		13.37			03/14/18 06:02	100
2-Methylindene	0.61	T J N	mg/L		19.45	2177-47-1		03/14/18 06:02	100
1H-Indene, 1,1-dimethyl-	0.40	T J N	mg/L		21.08	18636-55-0		03/14/18 06:02	100
1H-Indene, 1,3-dimethyl-	0.70	T J N	mg/L		21.31	2177-48-2		03/14/18 06:02	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					03/14/18 06:02	100
4-Bromofluorobenzene (Surr)	104		73 - 120					03/14/18 06:02	100
Toluene-d8 (Surr)	106		80 - 120					03/14/18 06:02	100
Dibromofluoromethane (Surr)	107		75 - 123					03/14/18 06:02	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.50	0.023	mg/L		03/13/18 14:29	03/15/18 04:39	1
2,4-Dinitrotoluene	ND		0.25	0.022	mg/L		03/13/18 14:29	03/15/18 04:39	1
2,4,5-Trichlorophenol	ND		0.25	0.024	mg/L		03/13/18 14:29	03/15/18 04:39	1
2,4,6-Trichlorophenol	ND		0.25	0.031	mg/L		03/13/18 14:29	03/15/18 04:39	1
2-Methylphenol	ND		0.25	0.020	mg/L		03/13/18 14:29	03/15/18 04:39	1
3-Methylphenol	ND		0.50	0.020	mg/L		03/13/18 14:29	03/15/18 04:39	1
4-Methylphenol	ND		0.50	0.018	mg/L		03/13/18 14:29	03/15/18 04:39	1
Hexachlorobenzene	ND		0.25	0.026	mg/L		03/13/18 14:29	03/15/18 04:39	1
Hexachlorobutadiene	ND		0.25	0.034	mg/L		03/13/18 14:29	03/15/18 04:39	1
Hexachloroethane	ND		0.25	0.030	mg/L		03/13/18 14:29	03/15/18 04:39	1
Nitrobenzene	ND		0.25	0.015	mg/L		03/13/18 14:29	03/15/18 04:39	1
Pentachlorophenol	ND		0.50	0.11	mg/L		03/13/18 14:29	03/15/18 04:39	1
Pyridine	ND		1.3	0.021	mg/L		03/13/18 14:29	03/15/18 04:39	1
Dimethyl phthalate	ND		0.25	0.018	mg/L		03/13/18 14:29	03/15/18 04:39	1
2,4-Dimethylphenol	ND		0.25	0.025	mg/L		03/13/18 14:29	03/15/18 04:39	1
Isophorone	ND		0.25	0.022	mg/L		03/13/18 14:29	03/15/18 04:39	1
Fluorene	ND		0.25	0.018	mg/L		03/13/18 14:29	03/15/18 04:39	1
Dibenzofuran	ND		0.50	0.026	mg/L		03/13/18 14:29	03/15/18 04:39	1
Bis(2-ethylhexyl) phthalate	0.50		0.25	0.090	mg/L		03/13/18 14:29	03/15/18 04:39	1
N-Nitrosodi-n-propylamine	ND		0.25	0.027	mg/L		03/13/18 14:29	03/15/18 04:39	1
Acenaphthylene	ND		0.25	0.019	mg/L		03/13/18 14:29	03/15/18 04:39	1
2,4-Dichlorophenol	ND		0.25	0.026	mg/L		03/13/18 14:29	03/15/18 04:39	1
4-Chlorophenyl phenyl ether	ND		0.25	0.018	mg/L		03/13/18 14:29	03/15/18 04:39	1
Benzo[g,h,i]perylene	ND		0.25	0.018	mg/L		03/13/18 14:29	03/15/18 04:39	1
4-Chloro-3-methylphenol	ND		0.25	0.023	mg/L		03/13/18 14:29	03/15/18 04:39	1
Di-n-octyl phthalate	ND		0.25	0.024	mg/L		03/13/18 14:29	03/15/18 04:39	1
Phenanthrene	15		0.25	0.022	mg/L		03/13/18 14:29	03/15/18 04:39	1
2-Nitrophenol	ND		0.25	0.024	mg/L		03/13/18 14:29	03/15/18 04:39	1
Benzo[k]fluoranthene	ND		0.25	0.037	mg/L		03/13/18 14:29	03/15/18 04:39	1
Benzo[a]pyrene	ND		0.25	0.024	mg/L		03/13/18 14:29	03/15/18 04:39	1
2,4-Dinitrophenol	ND		0.50	0.11	mg/L		03/13/18 14:29	03/15/18 04:39	1
Anthracene	ND		0.25	0.014	mg/L		03/13/18 14:29	03/15/18 04:39	1
2-Methylnaphthalene	74 E B		0.25	0.030	mg/L		03/13/18 14:29	03/15/18 04:39	1
Di-n-butyl phthalate	ND		0.25	0.016	mg/L		03/13/18 14:29	03/15/18 04:39	1
Pyrene	3.2		0.25	0.017	mg/L		03/13/18 14:29	03/15/18 04:39	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.25	0.021	mg/L		03/13/18 14:29	03/15/18 04:39	1
4-Nitroaniline	ND		0.50	0.013	mg/L		03/13/18 14:29	03/15/18 04:39	1
Naphthalene	19	B	0.25	0.038	mg/L		03/13/18 14:29	03/15/18 04:39	1
Fluoranthene	ND		0.25	0.020	mg/L		03/13/18 14:29	03/15/18 04:39	1
3,3'-Dichlorobenzidine	ND		0.25	0.020	mg/L		03/13/18 14:29	03/15/18 04:39	1
2-Nitroaniline	ND		0.50	0.021	mg/L		03/13/18 14:29	03/15/18 04:39	1
4-Bromophenyl phenyl ether	ND		0.25	0.023	mg/L		03/13/18 14:29	03/15/18 04:39	1
Caprolactam	ND		0.25	0.11	mg/L		03/13/18 14:29	03/15/18 04:39	1
Diethyl phthalate	ND		0.25	0.011	mg/L		03/13/18 14:29	03/15/18 04:39	1
Carbazole	ND		0.25	0.015	mg/L		03/13/18 14:29	03/15/18 04:39	1
4,6-Dinitro-2-methylphenol	ND		0.50	0.11	mg/L		03/13/18 14:29	03/15/18 04:39	1
bis (2-chloroisopropyl) ether	ND		0.25	0.026	mg/L		03/13/18 14:29	03/15/18 04:39	1
N-Nitrosodiphenylamine	17		0.25	0.026	mg/L		03/13/18 14:29	03/15/18 04:39	1
Acetophenone	ND		0.25	0.027	mg/L		03/13/18 14:29	03/15/18 04:39	1
Bis(2-chloroethyl)ether	ND		0.25	0.020	mg/L		03/13/18 14:29	03/15/18 04:39	1
Atrazine	ND		0.25	0.023	mg/L		03/13/18 14:29	03/15/18 04:39	1
Benzo[a]anthracene	ND		0.25	0.018	mg/L		03/13/18 14:29	03/15/18 04:39	1
Indeno[1,2,3-cd]pyrene	ND		0.25	0.024	mg/L		03/13/18 14:29	03/15/18 04:39	1
Benzaldehyde	ND		0.25	0.013	mg/L		03/13/18 14:29	03/15/18 04:39	1
Butyl benzyl phthalate	ND		0.25	0.021	mg/L		03/13/18 14:29	03/15/18 04:39	1
Hexachlorocyclopentadiene	ND		0.25	0.030	mg/L		03/13/18 14:29	03/15/18 04:39	1
Chrysene	ND		0.25	0.017	mg/L		03/13/18 14:29	03/15/18 04:39	1
Acenaphthene	ND		0.25	0.021	mg/L		03/13/18 14:29	03/15/18 04:39	1
Benzo[b]fluoranthene	ND		0.25	0.017	mg/L		03/13/18 14:29	03/15/18 04:39	1
4-Nitrophenol	ND		0.50	0.076	mg/L		03/13/18 14:29	03/15/18 04:39	1
4-Chloroaniline	ND		0.25	0.030	mg/L		03/13/18 14:29	03/15/18 04:39	1
2-Chlorophenol	ND		0.25	0.027	mg/L		03/13/18 14:29	03/15/18 04:39	1
3-Nitroaniline	ND		0.50	0.024	mg/L		03/13/18 14:29	03/15/18 04:39	1
2,6-Dinitrotoluene	ND		0.25	0.020	mg/L		03/13/18 14:29	03/15/18 04:39	1
Biphenyl	13		0.25	0.033	mg/L		03/13/18 14:29	03/15/18 04:39	1
Phenol	ND		0.25	0.020	mg/L		03/13/18 14:29	03/15/18 04:39	1
Bis(2-chloroethoxy)methane	ND		0.25	0.018	mg/L		03/13/18 14:29	03/15/18 04:39	1
2-Chloronaphthalene	ND		0.25	0.023	mg/L		03/13/18 14:29	03/15/18 04:39	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	30	T J	mg/L		6.42		03/13/18 14:29	03/15/18 04:39	1
Benzene, 1,4-diethyl-	21	T J N	mg/L		7.00	105-05-5	03/13/18 14:29	03/15/18 04:39	1
Unknown	17	T J	mg/L		7.07		03/13/18 14:29	03/15/18 04:39	1
Benzene, 4-ethyl-1,2-dimethyl-	16	T J N	mg/L		7.25	934-80-5	03/13/18 14:29	03/15/18 04:39	1
Undecane	51	T J N	mg/L		7.33	1120-21-4	03/13/18 14:29	03/15/18 04:39	1
Unknown	13	T J	mg/L		9.17		03/13/18 14:29	03/15/18 04:39	1
Naphthalene, 2,3-dimethyl-	27	T J N	mg/L		9.83	581-40-8	03/13/18 14:29	03/15/18 04:39	1
Unknown	22	T J	mg/L		9.90		03/13/18 14:29	03/15/18 04:39	1
Pentadecane	27	T J N	mg/L		10.15	629-62-9	03/13/18 14:29	03/15/18 04:39	1
Hexadecane	29	T J N	mg/L		10.68	544-76-3	03/13/18 14:29	03/15/18 04:39	1
Heptadecane	34	T J N	mg/L		11.17	629-78-7	03/13/18 14:29	03/15/18 04:39	1
Octadecane	18	T J N	mg/L		11.59	593-45-3	03/13/18 14:29	03/15/18 04:39	1
Hexadecane, 2,6,10,14-tetramethyl-	18	T J N	mg/L		11.62	638-36-8	03/13/18 14:29	03/15/18 04:39	1
Nonadecane	17	T J N	mg/L		11.98	629-92-5	03/13/18 14:29	03/15/18 04:39	1
Hexadecanoic acid, methyl ester	19	T J N	mg/L		12.08	112-39-0	03/13/18 14:29	03/15/18 04:39	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Eicosane	14	T J N	mg/L		12.35	112-95-8	03/13/18 14:29	03/15/18 04:39	1
11-Octadecenoic acid, methyl ester	64	T J N	mg/L		12.72	52380-33-3	03/13/18 14:29	03/15/18 04:39	1
Docosane	46	T J N	mg/L		13.00	629-97-0	03/13/18 14:29	03/15/18 04:39	1
Tricosane	46	T J N	mg/L		13.30	638-67-5	03/13/18 14:29	03/15/18 04:39	1
Tetracosane	19	T J N	mg/L		13.60	646-31-1	03/13/18 14:29	03/15/18 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		41 - 120				03/13/18 14:29	03/15/18 04:39	1
2-Fluorobiphenyl	91		48 - 120				03/13/18 14:29	03/15/18 04:39	1
2-Fluorophenol (Surr)	47		35 - 120				03/13/18 14:29	03/15/18 04:39	1
Nitrobenzene-d5 (Surr)	0	X	46 - 120				03/13/18 14:29	03/15/18 04:39	1
p-Terphenyl-d14 (Surr)	87		59 - 136				03/13/18 14:29	03/15/18 04:39	1
Phenol-d5 (Surr)	0	X	22 - 120				03/13/18 14:29	03/15/18 04:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		2.5	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
2,4-Dinitrotoluene	ND		1.3	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
2,4,5-Trichlorophenol	ND		1.3	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
2,4,6-Trichlorophenol	ND		1.3	0.15	mg/L		03/13/18 14:29	04/05/18 20:40	5
2-Methylphenol	ND		1.3	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
3-Methylphenol	ND		2.5	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
4-Methylphenol	ND		2.5	0.090	mg/L		03/13/18 14:29	04/05/18 20:40	5
Hexachlorobenzene	ND		1.3	0.13	mg/L		03/13/18 14:29	04/05/18 20:40	5
Hexachlorobutadiene	ND		1.3	0.17	mg/L		03/13/18 14:29	04/05/18 20:40	5
Hexachloroethane	ND		1.3	0.15	mg/L		03/13/18 14:29	04/05/18 20:40	5
Nitrobenzene	ND		1.3	0.073	mg/L		03/13/18 14:29	04/05/18 20:40	5
Pentachlorophenol	ND		2.5	0.55	mg/L		03/13/18 14:29	04/05/18 20:40	5
Pyridine	ND		6.3	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
Dimethyl phthalate	ND		1.3	0.090	mg/L		03/13/18 14:29	04/05/18 20:40	5
2,4-Dimethylphenol	ND		1.3	0.13	mg/L		03/13/18 14:29	04/05/18 20:40	5
Isophorone	ND		1.3	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
Fluorene	ND		1.3	0.090	mg/L		03/13/18 14:29	04/05/18 20:40	5
Dibenzofuran	ND		2.5	0.13	mg/L		03/13/18 14:29	04/05/18 20:40	5
Bis(2-ethylhexyl) phthalate	ND		1.3	0.45	mg/L		03/13/18 14:29	04/05/18 20:40	5
N-Nitrosodi-n-propylamine	ND		1.3	0.14	mg/L		03/13/18 14:29	04/05/18 20:40	5
Acenaphthylene	ND		1.3	0.095	mg/L		03/13/18 14:29	04/05/18 20:40	5
2,4-Dichlorophenol	ND		1.3	0.13	mg/L		03/13/18 14:29	04/05/18 20:40	5
4-Chlorophenyl phenyl ether	ND		1.3	0.088	mg/L		03/13/18 14:29	04/05/18 20:40	5
Benzo[g,h,i]perylene	ND		1.3	0.088	mg/L		03/13/18 14:29	04/05/18 20:40	5
4-Chloro-3-methylphenol	ND		1.3	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
Di-n-octyl phthalate	ND		1.3	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
Phenanthrene	18		1.3	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
2-Nitrophenol	ND		1.3	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
Benzo[k]fluoranthene	ND		1.3	0.18	mg/L		03/13/18 14:29	04/05/18 20:40	5
Benzo[a]pyrene	ND		1.3	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
2,4-Dinitrophenol	ND		2.5	0.56	mg/L		03/13/18 14:29	04/05/18 20:40	5
Anthracene	ND		1.3	0.070	mg/L		03/13/18 14:29	04/05/18 20:40	5
2-Methylnaphthalene	88	B	1.3	0.15	mg/L		03/13/18 14:29	04/05/18 20:40	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		1.3	0.078	mg/L		03/13/18 14:29	04/05/18 20:40	5
Pyrene	4.6		1.3	0.085	mg/L		03/13/18 14:29	04/05/18 20:40	5
Dibenz(a,h)anthracene	ND		1.3	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
4-Nitroaniline	ND		2.5	0.063	mg/L		03/13/18 14:29	04/05/18 20:40	5
Naphthalene	23 B		1.3	0.19	mg/L		03/13/18 14:29	04/05/18 20:40	5
Fluoranthene	ND		1.3	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
3,3'-Dichlorobenzidine	ND		1.3	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
2-Nitroaniline	ND		2.5	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
4-Bromophenyl phenyl ether	ND		1.3	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
Caprolactam	ND		1.3	0.55	mg/L		03/13/18 14:29	04/05/18 20:40	5
Diethyl phthalate	ND		1.3	0.055	mg/L		03/13/18 14:29	04/05/18 20:40	5
Carbazole	ND		1.3	0.075	mg/L		03/13/18 14:29	04/05/18 20:40	5
4,6-Dinitro-2-methylphenol	ND		2.5	0.55	mg/L		03/13/18 14:29	04/05/18 20:40	5
bis (2-chloroisopropyl) ether	ND		1.3	0.13	mg/L		03/13/18 14:29	04/05/18 20:40	5
N-Nitrosodiphenylamine	17		1.3	0.13	mg/L		03/13/18 14:29	04/05/18 20:40	5
Acetophenone	ND		1.3	0.14	mg/L		03/13/18 14:29	04/05/18 20:40	5
Bis(2-chloroethyl)ether	ND		1.3	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
Atrazine	ND		1.3	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
Benzo[a]anthracene	ND		1.3	0.090	mg/L		03/13/18 14:29	04/05/18 20:40	5
Indeno[1,2,3-cd]pyrene	ND		1.3	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
Benzaldehyde	ND		1.3	0.067	mg/L		03/13/18 14:29	04/05/18 20:40	5
Butyl benzyl phthalate	ND		1.3	0.11	mg/L		03/13/18 14:29	04/05/18 20:40	5
Hexachlorocyclopentadiene	ND		1.3	0.15	mg/L		03/13/18 14:29	04/05/18 20:40	5
Chrysene	ND		1.3	0.083	mg/L		03/13/18 14:29	04/05/18 20:40	5
Acenaphthene	ND		1.3	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
Benzo[b]fluoranthene	ND		1.3	0.085	mg/L		03/13/18 14:29	04/05/18 20:40	5
4-Nitrophenol	ND		2.5	0.38	mg/L		03/13/18 14:29	04/05/18 20:40	5
4-Chloroaniline	ND		1.3	0.15	mg/L		03/13/18 14:29	04/05/18 20:40	5
2-Chlorophenol	ND		1.3	0.13	mg/L		03/13/18 14:29	04/05/18 20:40	5
3-Nitroaniline	ND		2.5	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5
2,6-Dinitrotoluene	ND		1.3	0.10	mg/L		03/13/18 14:29	04/05/18 20:40	5
Biphenyl	15		1.3	0.16	mg/L		03/13/18 14:29	04/05/18 20:40	5
Phenol	ND		1.3	0.098	mg/L		03/13/18 14:29	04/05/18 20:40	5
Bis(2-chloroethoxy)methane	ND		1.3	0.088	mg/L		03/13/18 14:29	04/05/18 20:40	5
2-Chloronaphthalene	ND		1.3	0.12	mg/L		03/13/18 14:29	04/05/18 20:40	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Decane	94	T J N	mg/L		6.29	124-18-5	03/13/18 14:29	04/05/18 20:40	5
Undecane	180	T J N	mg/L		7.19	1120-21-4	03/13/18 14:29	04/05/18 20:40	5
Unknown	110	T J	mg/L		7.71		03/13/18 14:29	04/05/18 20:40	5
Undecane, 2,6-dimethyl-	98	T J N	mg/L		8.08	17301-23-4	03/13/18 14:29	04/05/18 20:40	5
Tridecane	240	T J N	mg/L		8.72	629-50-5	03/13/18 14:29	04/05/18 20:40	5
Unknown	95	T J	mg/L		8.99		03/13/18 14:29	04/05/18 20:40	5
Naphthalene, 1,5-dimethyl-	86	T J N	mg/L		9.62	571-61-9	03/13/18 14:29	04/05/18 20:40	5
Naphthalene, 1,6-dimethyl-	110	T J N	mg/L		9.70	575-43-9	03/13/18 14:29	04/05/18 20:40	5
Unknown	180	T J	mg/L		9.77		03/13/18 14:29	04/05/18 20:40	5
Pentadecane	270	T J N	mg/L		10.02	629-62-9	03/13/18 14:29	04/05/18 20:40	5
Azulene, 4,6,8-trimethyl-	92	T J N	mg/L		10.37	941-81-1	03/13/18 14:29	04/05/18 20:40	5
Hexadecane	280	T J N	mg/L		10.56	544-76-3	03/13/18 14:29	04/05/18 20:40	5
Heptadecane	330	T J N	mg/L		11.04	629-78-7	03/13/18 14:29	04/05/18 20:40	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP - DL (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Octadecane	190	T J N	mg/L		11.48	593-45-3	03/13/18 14:29	04/05/18 20:40	5
Nonadecane	150	T J N	mg/L		11.87	629-92-5	03/13/18 14:29	04/05/18 20:40	5
Hexadecanoic acid, methyl ester	170	T J N	mg/L		11.96	112-39-0	03/13/18 14:29	04/05/18 20:40	5
Eicosane	190	T J N	mg/L		12.24	112-95-8	03/13/18 14:29	04/05/18 20:40	5
13-Octadecenoic acid, methyl ester	1300	T J N	mg/L		12.59	56554-47-3	03/13/18 14:29	04/05/18 20:40	5
Octadecanoic acid, methyl ester	100	T J N	mg/L		12.66	112-61-8	03/13/18 14:29	04/05/18 20:40	5
Tricosane	98	T J N	mg/L		13.20	638-67-5	03/13/18 14:29	04/05/18 20:40	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	0	X	41 - 120	03/13/18 14:29	04/05/18 20:40	5
2-Fluorobiphenyl	116		48 - 120	03/13/18 14:29	04/05/18 20:40	5
2-Fluorophenol (Surr)	0	X	35 - 120	03/13/18 14:29	04/05/18 20:40	5
Nitrobenzene-d5 (Surr)	0	X	46 - 120	03/13/18 14:29	04/05/18 20:40	5
p-Terphenyl-d14 (Surr)	139	X	59 - 136	03/13/18 14:29	04/05/18 20:40	5
Phenol-d5 (Surr)	0	X	22 - 120	03/13/18 14:29	04/05/18 20:40	5

Method: 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.50	0.0073	mg/L		03/13/18 14:26	03/14/18 11:55	50
Endrin	ND		0.050	0.0035	mg/L		03/13/18 14:26	03/14/18 11:55	50
gamma-BHC (Lindane)	ND		0.050	0.0015	mg/L		03/13/18 14:26	03/14/18 11:55	50
Heptachlor	ND		0.050	0.0021	mg/L		03/13/18 14:26	03/14/18 11:55	50
Heptachlor epoxide	ND		0.050	0.0013	mg/L		03/13/18 14:26	03/14/18 11:55	50
Methoxychlor	ND		0.050	0.0035	mg/L		03/13/18 14:26	03/14/18 11:55	50
Toxaphene	ND		0.50	0.030	mg/L		03/13/18 14:26	03/14/18 11:55	50
Endrin ketone	ND		0.050	0.0030	mg/L		03/13/18 14:26	03/14/18 11:55	50
alpha-BHC	ND		0.050	0.0017	mg/L		03/13/18 14:26	03/14/18 11:55	50
Endrin aldehyde	ND		0.050	0.0041	mg/L		03/13/18 14:26	03/14/18 11:55	50
delta-BHC	0.013	J	0.050	0.0025	mg/L		03/13/18 14:26	03/14/18 11:55	50
Aldrin	ND		0.050	0.0017	mg/L		03/13/18 14:26	03/14/18 11:55	50
cis-Chlordane	ND		0.050	0.0037	mg/L		03/13/18 14:26	03/14/18 11:55	50
Endosulfan sulfate	ND		0.050	0.0039	mg/L		03/13/18 14:26	03/14/18 11:55	50
Endosulfan I	ND		0.050	0.0028	mg/L		03/13/18 14:26	03/14/18 11:55	50
trans-Chlordane	ND		0.050	0.0028	mg/L		03/13/18 14:26	03/14/18 11:55	50
Dieldrin	ND		0.050	0.0025	mg/L		03/13/18 14:26	03/14/18 11:55	50
4,4'-DDT	0.030	J	0.050	0.0028	mg/L		03/13/18 14:26	03/14/18 11:55	50
Endosulfan II	ND		0.050	0.0030	mg/L		03/13/18 14:26	03/14/18 11:55	50
beta-BHC	ND		0.050	0.0062	mg/L		03/13/18 14:26	03/14/18 11:55	50
4,4'-DDD	ND		0.050	0.0023	mg/L		03/13/18 14:26	03/14/18 11:55	50
4,4'-DDE	0.037	J	0.050	0.0029	mg/L		03/13/18 14:26	03/14/18 11:55	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	20 - 120	03/13/18 14:26	03/14/18 11:55	50
DCB Decachlorobiphenyl	0	X	20 - 120	03/13/18 14:26	03/14/18 11:55	50
Tetrachloro-m-xylene	632	X	44 - 120	03/13/18 14:26	03/14/18 11:55	50
Tetrachloro-m-xylene	334	X	44 - 120	03/13/18 14:26	03/14/18 11:55	50

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		03/13/18 14:29	03/14/18 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

Method: 8151A - Herbicides (GC) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.010	0.0020	mg/L		03/13/18 14:29	03/14/18 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	190	X	48 - 132				03/13/18 14:29	03/14/18 16:30	1
2,4-Dichlorophenylacetic acid	95		48 - 132				03/13/18 14:29	03/14/18 16:30	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.038	0.014	mg/L		03/13/18 09:55	03/14/18 02:32	1
Barium	0.0070	B	0.0050	0.0018	mg/L		03/13/18 09:55	03/14/18 02:32	1
Cadmium	0.0088		0.0050	0.0013	mg/L		03/13/18 09:55	03/14/18 02:32	1
Chromium	ND		0.010	0.0025	mg/L		03/13/18 09:55	03/14/18 02:32	1
Lead	0.047		0.025	0.0075	mg/L		03/13/18 09:55	03/14/18 02:32	1
Selenium	ND		0.063	0.022	mg/L		03/13/18 09:55	03/14/18 02:32	1
Silver	ND		0.015	0.0043	mg/L		03/13/18 09:55	03/14/18 02:32	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0010	0.00060	mg/L		03/13/18 13:00	03/13/18 17:26	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-1

Lab Sample ID: 480-132355-5

Date Collected: 03/06/18 10:45

Matrix: Waste

Date Received: 03/09/18 00:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		210	86	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
2-Butanone (MEK)	ND		1100	630	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Benzene	ND		210	40	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Carbon tetrachloride	ND		210	54	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Chlorobenzene	ND		210	28	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Chloroform	ND		210	140	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Tetrachloroethene	ND		210	28	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Trichloroethene	ND		210	59	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Vinyl chloride	ND		210	71	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,1-Dichloroethene	ND		210	73	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,1,1-Trichloroethane	ND		210	58	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
cis-1,3-Dichloropropene	ND		210	50	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Carbon disulfide	ND		210	96	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Bromoform	ND		210	110	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,1-Dichloroethane	ND		210	65	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,2-Dichloropropane	ND		210	34	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,1,2-Trichloroethane	ND		210	44	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Acetone	ND		1100	870	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Methyl acetate	ND		1100	100	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Dichlorodifluoromethane	ND		210	92	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
4-Methyl-2-pentanone (MIBK)	ND		1100	68	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		210	110	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Methylene Chloride	65	J	210	42	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Chloromethane	ND		210	50	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Bromomethane	ND		210	46	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Dibromochloromethane	ND		210	100	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Toluene	ND		210	57	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,2,4-Trichlorobenzene	ND		210	80	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,2-Dibromo-3-Chloropropane	ND		210	110	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,3-Dichlorobenzene	ND		210	56	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Methyl tert-butyl ether	ND		210	80	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Styrene	ND		210	51	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
trans-1,2-Dichloroethene	ND		210	50	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,1,2,2-Tetrachloroethane	ND		210	34	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Chloroethane	ND		210	44	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,2-Dichlorobenzene	ND		210	54	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
2-Hexanone	ND		1100	430	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Ethylbenzene	ND		210	61	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Isopropylbenzene	ND		210	32	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Methylcyclohexane	ND		210	99	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Trichlorofluoromethane	ND		210	99	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Xylenes, Total	ND		420	120	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Cyclohexane	ND		210	47	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
trans-1,3-Dichloropropene	ND		210	21	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
cis-1,2-Dichloroethene	ND		210	58	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,2-Dibromoethane	ND		210	37	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
1,4-Dichlorobenzene	ND		210	30	ug/Kg		03/13/18 11:56	03/14/18 16:49	2
Bromodichloromethane	ND		210	42	ug/Kg		03/13/18 11:56	03/14/18 16:49	2

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-1

Lab Sample ID: 480-132355-5

Date Collected: 03/06/18 10:45

Matrix: Waste

Date Received: 03/09/18 00:45

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Hexanal	21000	T J N	ug/Kg		7.76	66-25-1	03/13/18 11:56	03/14/18 16:49	2
Unknown	1300	T J	ug/Kg		9.33		03/13/18 11:56	03/14/18 16:49	2
2-Octanone	1900	T J N	ug/Kg		10.55	111-13-7	03/13/18 11:56	03/14/18 16:49	2
Octanal	3700	T J N	ug/Kg		10.66	124-13-0	03/13/18 11:56	03/14/18 16:49	2
2-Octenal, (E)-	5500	T J N	ug/Kg		11.46	2548-87-0	03/13/18 11:56	03/14/18 16:49	2
Unknown	4600	T J	ug/Kg		11.75		03/13/18 11:56	03/14/18 16:49	2
Unknown	3100	T J	ug/Kg		12.43		03/13/18 11:56	03/14/18 16:49	2
Unknown	1800	T J	ug/Kg		13.29		03/13/18 11:56	03/14/18 16:49	2
2,4-Decadienal, (E,E)-	2200	T J N	ug/Kg		13.62	25152-84-5	03/13/18 11:56	03/14/18 16:49	2
2,4-Decadienal	5100	T J N	ug/Kg		13.81	2363-88-4	03/13/18 11:56	03/14/18 16:49	2
Pentadecane	1300	T J N	ug/Kg		14.45	629-62-9	03/13/18 11:56	03/14/18 16:49	2
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	109		53 - 146				03/13/18 11:56	03/14/18 16:49	2
4-Bromofluorobenzene (Surr)	101		49 - 148				03/13/18 11:56	03/14/18 16:49	2
Toluene-d8 (Surr)	104		50 - 149				03/13/18 11:56	03/14/18 16:49	2
Dibromofluoromethane (Surr)	106		60 - 140				03/13/18 11:56	03/14/18 16:49	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,4-Dichlorobenzene	ND		99000	7800	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2,4-Dinitrotoluene	ND		51000	11000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2,4,5-Trichlorophenol	ND		51000	14000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2,4,6-Trichlorophenol	ND		51000	10000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2-Methylphenol	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
3-Methylphenol	ND		99000	7800	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4-Methylphenol	ND		99000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Hexachlorobenzene	ND		51000	6900	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Hexachlorobutadiene	ND		51000	7500	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Hexachloroethane	ND		51000	6600	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Nitrobenzene	ND		51000	5700	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Pentachlorophenol	ND		99000	51000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Pyridine	ND		99000	7200	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Dimethyl phthalate	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2,4-Dimethylphenol	ND		51000	12000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Isophorone	ND		51000	11000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Fluorene	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Dibenzofuran	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Bis(2-ethylhexyl) phthalate	ND		51000	17000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
N-Nitrosodi-n-propylamine	ND		51000	8700	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Acenaphthylene	ND		51000	6600	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2,4-Dichlorophenol	ND		51000	5400	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4-Chlorophenyl phenyl ether	ND		51000	6300	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Benzo[g,h,i]perylene	ND		51000	5400	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4-Chloro-3-methylphenol	ND		51000	13000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Di-n-octyl phthalate	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Phenanthrene	ND		51000	7500	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2-Nitrophenol	ND		51000	14000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Benzo[k]fluoranthene	ND		51000	6600	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Benzo[a]pyrene	ND		51000	7500	ug/Kg		03/13/18 14:08	03/15/18 04:05	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-1

Lab Sample ID: 480-132355-5

Date Collected: 03/06/18 10:45

Matrix: Waste

Date Received: 03/09/18 00:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		500000	240000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Anthracene	ND		51000	13000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2-Methylnaphthalene	ND		51000	10000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Di-n-butyl phthalate	ND		51000	8700	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Pyrene	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Dibenz(a,h)anthracene	ND		51000	9000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4-Nitroaniline	ND		99000	27000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Naphthalene	ND		51000	6600	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Fluoranthene	ND		51000	5400	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
3,3'-Dichlorobenzidine	ND		99000	60000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2-Nitroaniline	ND		99000	7500	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4-Bromophenyl phenyl ether	ND		51000	7200	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Caprolactam	ND		51000	15000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Diethyl phthalate	ND		51000	6600	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Carbazole	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4,6-Dinitro-2-methylphenol	ND		99000	51000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
bis (2-chloroisopropyl) ether	ND		51000	10000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
N-Nitrosodiphenylamine	ND		51000	41000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Acetophenone	ND		51000	6900	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Bis(2-chloroethyl)ether	ND		51000	6600	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Atrazine	ND		51000	18000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Benzo[a]anthracene	ND		51000	5100	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Indeno[1,2,3-cd]pyrene	ND		51000	6300	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Benzaldehyde	ND		51000	41000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Butyl benzyl phthalate	ND		51000	8400	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Hexachlorocyclopentadiene	ND		51000	6900	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Chrysene	ND		51000	11000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Acenaphthene	ND		51000	7500	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Benzo[b]fluoranthene	ND		51000	8100	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4-Nitrophenol	ND		99000	36000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
4-Chloroaniline	ND		51000	13000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2-Chlorophenol	ND		51000	9300	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
3-Nitroaniline	ND		99000	14000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2,6-Dinitrotoluene	ND		51000	6000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Biphenyl	ND		51000	7500	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Phenol	ND		51000	7800	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
Bis(2-chloroethoxy)methane	ND		51000	11000	ug/Kg		03/13/18 14:08	03/15/18 04:05	1
2-Chloronaphthalene	ND		51000	8400	ug/Kg		03/13/18 14:08	03/15/18 04:05	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	260000	T J	ug/Kg		2.39		03/13/18 14:08	03/15/18 04:05	1
Unknown	180000	T J	ug/Kg		3.08		03/13/18 14:08	03/15/18 04:05	1
Unknown	77000	T J	ug/Kg		4.77		03/13/18 14:08	03/15/18 04:05	1
Unknown	84000	T J	ug/Kg		5.08		03/13/18 14:08	03/15/18 04:05	1
Unknown	55000	T J	ug/Kg		6.26		03/13/18 14:08	03/15/18 04:05	1
Unknown	79000	T J	ug/Kg		7.37		03/13/18 14:08	03/15/18 04:05	1
Unknown	83000	T J	ug/Kg		7.51		03/13/18 14:08	03/15/18 04:05	1
Unknown	640000	T J	ug/Kg		7.75		03/13/18 14:08	03/15/18 04:05	1
Unknown	1000000	T J	ug/Kg		7.91		03/13/18 14:08	03/15/18 04:05	1
Unknown	91000	T J	ug/Kg		8.12		03/13/18 14:08	03/15/18 04:05	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-1

Lab Sample ID: 480-132355-5

Date Collected: 03/06/18 10:45

Matrix: Waste

Date Received: 03/09/18 00:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
n-Hexadecanoic acid	320000	T J N	ug/Kg		11.31	57-10-3	03/13/18 14:08	03/15/18 04:05	1
9,12-Octadecadienoic acid (Z,Z)-	550000	T J N	ug/Kg		11.95	60-33-3	03/13/18 14:08	03/15/18 04:05	1
Perhydrobenzo[a]cycloheptene-6,8-di carboxylic acid, perhydro	560000	T J N	ug/Kg		11.96	1000197-59-7	03/13/18 14:08	03/15/18 04:05	1
Unknown	63000	T J	ug/Kg		12.02		03/13/18 14:08	03/15/18 04:05	1
Unknown	180000	T J	ug/Kg		13.54		03/13/18 14:08	03/15/18 04:05	1
Unknown	55000	T J	ug/Kg		14.73		03/13/18 14:08	03/15/18 04:05	1
Unknown	120000	T J	ug/Kg		15.06		03/13/18 14:08	03/15/18 04:05	1
Unknown	110000	T J	ug/Kg		15.13		03/13/18 14:08	03/15/18 04:05	1
Unknown	56000	T J	ug/Kg		15.25		03/13/18 14:08	03/15/18 04:05	1
.beta.-Sitosterol	220000	T J N	ug/Kg		15.34	83-46-5	03/13/18 14:08	03/15/18 04:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		54 - 120	03/13/18 14:08	03/15/18 04:05	1
2-Fluorobiphenyl	93		60 - 120	03/13/18 14:08	03/15/18 04:05	1
2-Fluorophenol (Surr)	79		52 - 120	03/13/18 14:08	03/15/18 04:05	1
Nitrobenzene-d5 (Surr)	84		53 - 120	03/13/18 14:08	03/15/18 04:05	1
p-Terphenyl-d14 (Surr)	86		65 - 121	03/13/18 14:08	03/15/18 04:05	1
Phenol-d5 (Surr)	77		54 - 120	03/13/18 14:08	03/15/18 04:05	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		3.6	1.4	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Endrin	ND		0.36	0.11	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
gamma-BHC (Lindane)	ND		0.36	0.26	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Heptachlor	ND		0.36	0.056	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Heptachlor epoxide	ND		0.36	0.093	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Methoxychlor	ND		0.36	0.093	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Toxaphene	ND		3.6	2.1	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Endrin ketone	ND		0.36	0.086	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
alpha-BHC	ND		0.36	0.064	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Endrin aldehyde	ND		0.36	0.091	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
delta-BHC	0.080	J	0.36	0.047	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Aldrin	ND		0.36	0.036	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
cis-Chlordane	ND		0.36	0.18	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Endosulfan sulfate	ND		0.36	0.066	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Endosulfan I	ND		0.36	0.076	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
trans-Chlordane	ND		0.36	0.049	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Dieldrin	ND		0.36	0.086	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
4,4'-DDT	ND		0.36	0.079	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
Endosulfan II	ND		0.36	0.064	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
beta-BHC	ND		0.36	0.26	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
4,4'-DDD	ND		0.36	0.069	mg/Kg		03/13/18 14:13	03/14/18 14:32	1
4,4'-DDE	ND		0.36	0.10	mg/Kg		03/13/18 14:13	03/14/18 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		45 - 120	03/13/18 14:13	03/14/18 14:32	1
DCB Decachlorobiphenyl	110		45 - 120	03/13/18 14:13	03/14/18 14:32	1
Tetrachloro-m-xylene	113		30 - 124	03/13/18 14:13	03/14/18 14:32	1
Tetrachloro-m-xylene	100		30 - 124	03/13/18 14:13	03/14/18 14:32	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.70	J	2.0	0.40	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Barium	ND	^	0.50	0.11	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Cadmium	ND		0.20	0.030	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Chromium	ND		0.50	0.20	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Lead	ND		1.0	0.24	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Selenium	0.61	J	4.0	0.40	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Silver	ND		0.60	0.20	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Antimony	ND		15.0	0.40	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Sodium	ND		140	13.0	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Potassium	ND		30.0	20.0	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Beryllium	ND		0.20	0.028	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Thallium	ND		6.0	0.30	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Calcium	ND		50.1	3.3	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Iron	ND		10.0	3.5	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Nickel	ND		5.0	0.23	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Vanadium	ND		0.50	0.11	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Magnesium	ND		20.0	0.93	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Copper	ND		1.0	0.21	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Aluminum	ND		10.0	4.4	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Zinc	ND		2.0	0.64	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Manganese	0.058	J B	0.20	0.032	mg/Kg		03/14/18 15:09	03/15/18 12:52	1
Cobalt	ND		0.50	0.050	mg/Kg		03/14/18 15:09	03/15/18 12:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg		03/15/18 14:05	03/15/18 15:42	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: S-1

Date Collected: 03/06/18 10:30

Date Received: 03/09/18 00:45

Lab Sample ID: 480-132355-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			403752	03/13/18 11:02	SMP	TAL BUF
TCLP	Analysis	8260C		10	403938	03/14/18 19:31	RLB	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	3510C			403943	03/14/18 09:45	JMP	TAL BUF
TCLP	Analysis	8270D		1	404040	03/15/18 00:04	DMR	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	3510C			403897	03/14/18 09:41	JMP	TAL BUF
TCLP	Analysis	8081B		10	404181	03/15/18 14:44	W1T	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	8151A			404232	03/15/18 14:04	RLT	TAL BUF
TCLP	Analysis	8151A		1	404612	03/19/18 14:49	MAN	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	3010A			403949	03/14/18 10:25	SMF	TAL BUF
TCLP	Analysis	6010C		1	404140	03/14/18 20:35	LMH	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	7470A			403982	03/14/18 13:05	BMB	TAL BUF
TCLP	Analysis	7470A		1	404062	03/14/18 17:39	BMB	TAL BUF

Client Sample ID: S-2

Date Collected: 03/06/18 11:00

Date Received: 03/09/18 00:45

Lab Sample ID: 480-132355-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			403752	03/13/18 11:02	SMP	TAL BUF
TCLP	Analysis	8260C		50	404072	03/14/18 23:54	LCH	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	3510C			403943	03/14/18 09:45	JMP	TAL BUF
TCLP	Analysis	8270D		1	404040	03/15/18 00:31	DMR	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	3510C			403897	03/14/18 09:41	JMP	TAL BUF
TCLP	Analysis	8081B		10	404181	03/15/18 15:04	W1T	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	8151A			404232	03/15/18 14:04	RLT	TAL BUF
TCLP	Analysis	8151A		2	404612	03/19/18 19:17	MAN	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	3010A			403949	03/14/18 10:25	SMF	TAL BUF
TCLP	Analysis	6010C		1	404140	03/14/18 20:39	LMH	TAL BUF
TCLP	Leach	1311			403748	03/13/18 10:56	SMP	TAL BUF
TCLP	Prep	7470A			403982	03/14/18 13:05	BMB	TAL BUF
TCLP	Analysis	7470A		1	404062	03/14/18 17:41	BMB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Client Sample ID: D-2

Lab Sample ID: 480-132355-4

Date Collected: 03/06/18 11:15

Matrix: Water

Date Received: 03/09/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			403678	03/13/18 08:00	SMP	TAL BUF
TCLP	Analysis	8260C		100	403853	03/14/18 06:02	LCH	TAL BUF
TCLP	Leach	1311			403674	03/13/18 07:52	SMP	TAL BUF
TCLP	Prep	3510C			403804	03/13/18 14:29	ATG	TAL BUF
TCLP	Analysis	8270D		1	404046	03/15/18 04:39	DMR	TAL BUF
TCLP	Leach	1311	DL		403674	03/13/18 07:52	SMP	TAL BUF
TCLP	Prep	3510C	DL		403804	03/13/18 14:29	ATG	TAL BUF
TCLP	Analysis	8270D	DL	5	407344	04/05/18 20:40	DMR	TAL BUF
TCLP	Leach	1311			403674	03/13/18 07:52	SMP	TAL BUF
TCLP	Prep	3510C			403803	03/13/18 14:26	RLT	TAL BUF
TCLP	Analysis	8081B		50	403890	03/14/18 11:55	JLS	TAL BUF
TCLP	Leach	1311			403674	03/13/18 07:52	SMP	TAL BUF
TCLP	Prep	8151A			403805	03/13/18 14:29	RLT	TAL BUF
TCLP	Analysis	8151A		1	403983	03/14/18 16:30	NC	TAL BUF
TCLP	Leach	1311			403674	03/13/18 07:52	SMP	TAL BUF
TCLP	Prep	3010A			403737	03/13/18 09:55	SMF	TAL BUF
TCLP	Analysis	6010C		1	403930	03/14/18 02:32	LMH	TAL BUF
TCLP	Leach	1311			403674	03/13/18 07:52	SMP	TAL BUF
TCLP	Prep	7470A			403773	03/13/18 13:00	BMB	TAL BUF
TCLP	Analysis	7470A		1	403846	03/13/18 17:26	BMB	TAL BUF

Client Sample ID: D-1

Lab Sample ID: 480-132355-5

Date Collected: 03/06/18 10:45

Matrix: Waste

Date Received: 03/09/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			403770	03/13/18 11:56	CDC	TAL BUF
Total/NA	Analysis	8260C		2	403938	03/14/18 16:49	RLB	TAL BUF
Total/NA	Prep	3580A			403795	03/13/18 14:08	BEK	TAL BUF
Total/NA	Analysis	8270D		1	404040	03/15/18 04:05	DMR	TAL BUF
Total/NA	Prep	3580A			403798	03/13/18 14:13	BEK	TAL BUF
Total/NA	Analysis	8081B		1	403890	03/14/18 14:32	JLS	TAL BUF
Total/NA	Prep	3050B			404010	03/14/18 15:09	SMF	TAL BUF
Total/NA	Analysis	6010C		1	404358	03/15/18 12:52	LMH	TAL BUF
Total/NA	Prep	7471B			404222	03/15/18 14:05	BMB	TAL BUF
Total/NA	Analysis	7471B		1	404259	03/15/18 15:42	BMB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TestAmerica Buffalo

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18 *

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Buffalo

Method Summary

Client: New York State D.E.C.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-132355-1

Project/Site: Schatz Plant #1711338 PIN 07800

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-132355-1	S-1	Solid	03/06/18 10:30	03/09/18 00:45
480-132355-2	S-2	Solid	03/06/18 11:00	03/09/18 00:45
480-132355-4	D-2	Water	03/06/18 11:15	03/09/18 00:45
480-132355-5	D-1	Waste	03/06/18 10:45	03/09/18 00:45

Chain of Custody Record

10 Hazelwood Drive

Amherst, NY 14228-2298

Phone (716) 691-2600 Fax (716) 691-7991

Client Information Client Contact: Mr. Daniel Lanners Company: New York State D.E.C. Address: 625 Broadway 4th Floor City: Albany State, Zip: NY, 12233 Phone: 518-462-7652 Email: daniel.lanners@dec.ny.gov Project Name: DEC Poughkeepsie TGLP Site Insp. 3/6/18 Site: Schatz Plant Site Site No. 316074 Poughkeepsie, NY		Sampler: Randy Whitehead Lab ID: Judy Stone Phone: 518-462-7669 E-Mail:	COC No: 480-110136-25599.1 Page: Page 1 of 2 Job #:
Analysis Request Due Date Requested: TAT Requested (days): Standard TAT PO #: WO #: Project #: SSOW#:		480-132355 COC 	
Sample Identification Sample ID: S-1 S-2 D-1 D-2		Sample Type (C=Comp, G=grab) G G G G	Sample Time 1030 1100 1045 1115
Sample Date 3/6/18 3/6/18 3/6/18 3/6/18		Matrix (W=Water, S=Solid, O=Other) Solid Solid Solid Solid	Preservation Code: Solid Solid Solid Solid
Field Filtered Sample (Yes or No) N N N N		Perform MS/MSD (Yes or No) N N N N	Total Number of Containers 2 2 8 8
Special Instructions/Note: 3-7-18 3-7-18 3-7-18 3-7-18		Special Instructions/Note: 3-7-18 3-7-18 3-7-18 3-7-18	
Possible Hazard Identification ☐ Non-Hazard ☒ Flammable ☒ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) Category B			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Special Instructions/QC Requirements:			
Relinquished by: Dan Lanners Date/Time: 3-7-18 1150 Relinquished by: [Signature] Date/Time: 3-8-18 1800 Relinquished by: [Signature]		Method of Shipment: Date/Time: 3-7-18 1150 Date/Time: 3-7-18 0045 Date/Time:	
Company: NYSDEC Company: TA Company:		Company: TA Company: TA Company:	
Custody Seal Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 0.5 #1	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-132355-1

Login Number: 132355

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
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	
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	NYSDEC
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	