TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Buffalo
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Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-132355-2
Client Project/Site: Schatz Plant #1711338 PIN 07800

For:
New York State D.E.C.
625 Broadway
11th Floor
Albany, New York 12233-3256

Attn: Mr. Daniel Lanners

Joseph V. Giacomazza

Authorized for release by:
4/19/2018 11:36:12 AM
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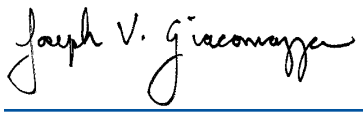
I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
4/19/2018 11:36:12 AM

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS VOA TICs

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
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
H	Sample was prepped or analyzed beyond the specified holding time
X	Surrogate is outside control limits
*	RPD of the LCS and LCSD exceeds the control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
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
H	Sample was prepped or analyzed beyond the specified holding time
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
H	Sample was prepped or analyzed beyond the specified holding time
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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)
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)

Job ID: 480-132355-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-132355-2

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 0.5º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-407746 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: S-1 (480-132355-1) and S-2 (480-132355-2).

Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted due to the abundance of non-target analytes: S-1 (480-132355-1), S-2 (480-132355-2), (480-132355-B-2-B MS) and (480-132355-B-2-C MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were prepared outside of preparation holding time because the request of the analysis occurred after the holding time of the method expired: S-1 (480-132355-1) and S-2 (480-132355-2).

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: The following samples were diluted due to color: S-1 (480-132355-1) and S-2 (480-132355-2). Elevated reporting limits (RL) are provided.

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: S-1 (480-132355-1) and S-2 (480-132355-2). Because of this dilution and elevated final volumn, 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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 480-407402 and analytical batch 480-408096 recovered outside control limits for the following analytes: 4,6-Dinitro-2-methylphenol. All individual analyte spike recoveries met control criteria. The data has been qualified and reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-408096 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: S-1 (480-132355-1) and S-2 (480-132355-2).

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: All primary data for analytical batch 407540 is reported from the RTX-CLPI column.

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: The following samples were diluted due to the nature of the sample matrix: S-1 (480-132355-1) and S-2 (480-132355-2). The surrogate recovery for these samples were outside control limits due to dilutions and evidence of matrix interference. Therefore, re-extraction and/or re-analysis was not performed. Elevated reporting limits (RLs) are provided.

Method(s) 8082A: All primary data for analytical batch 407497 is reported from the ZB-35 column.

Method(s) 8082A: Surrogates Tetrachloro-m-xylene DCB & Decachlorobiphenyl recovery for the following sample was outside control limits: S-2 (480-132355-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Job ID: 480-132355-2 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

Metals
Method(s) 6010C: The Low Level Continuing Calibration Verification (CCVL 480-409184/26) contained Total Manganese outside the control limits. All reported samples (LCS 480-408936/2-A) and (MB 480-408936/1-A) associated with this CCVL 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.

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

General Chemistry
Method(s) 9012B: The following samples were analyzed outside of analytical holding time due to the request for the analysis being made after HT expired.S-1 (480-132355-1) and S-2 (480-132355-2).

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

Organic Prep
Method(s) 3546: 5 grams of sodium sulfate was added to each sample in order to dry the sample. S-1 (480-132355-1) and S-2 (480-132355-2)

Method(s) 3546: Oily matrix.
S-1 (480-132355-1) and S-2 (480-132355-2)

Method(s) 3546: 5 grams of sulfate added to each sample to dry the samples. S-1 (480-132355-1) and S-2 (480-132355-2)

Method(s) 3546: Oily matrix. S-1 (480-132355-1) and S-2 (480-132355-2)

Method(s) 3546: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: S-1 (480-132355-1) and S-2 (480-132355-2). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3546: Due to the matrix, the following samples could not be concentrated to the final method required volume: S-1 (480-132355-1) and S-2 (480-132355-2). The reporting limits (RLs) are elevated proportionately.

Method(s) 3546: The following samples were prepared outside of preparation holding time because the request of the analysis occurred after the holding time of the method expired: S-1 (480-132355-1) and S-2 (480-132355-2).

Method(s) 3546: 5 grams of sodium sulfate added to each sample to dry the samples. S-1 (480-132355-1) and S-2 (480-132355-2)

Method(s) 3546: Oily matrix. S-1 (480-132355-1) and S-2 (480-132355-2)

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

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

TestAmerica Job ID: 480-132355-2

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
Percent Solids: 78.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	570	160	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,1,2,2-Tetrachloroethane	ND	H	570	92	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,1,2-Trichloroethane	ND	H	570	120	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	570	280	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,1-Dichloroethane	ND	H	570	170	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,1-Dichloroethene	ND	H	570	200	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,2,4-Trichlorobenzene	ND	H	570	210	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,2-Dibromo-3-Chloropropane	ND	H	570	280	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,2-Dichlorobenzene	ND	H	570	140	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,2-Dichloroethane	ND	H	570	230	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,2-Dichloropropane	ND	H	570	92	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,3-Dichlorobenzene	ND	H	570	150	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,4-Dichlorobenzene	ND	H	570	79	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
2-Butanone (MEK)	ND	H	2800	1700	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
2-Hexanone	ND	H	2800	1200	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
4-Methyl-2-pentanone (MIBK)	ND	H	2800	180	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Acetone	ND	H	2800	2300	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Benzene	ND	H	570	110	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Bromodichloromethane	ND	H	570	110	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Bromoform	ND	H	570	280	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Bromomethane	ND	H	570	120	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Carbon disulfide	ND	H	570	260	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Carbon tetrachloride	ND	H	570	140	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Chlorobenzene	ND	H	570	75	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Dibromochloromethane	ND	H	570	270	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Chloroethane	ND	H	570	120	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Chloroform	ND	H	570	390	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Chloromethane	ND	H	570	130	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
cis-1,2-Dichloroethene	ND	H	570	160	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
cis-1,3-Dichloropropene	ND	H	570	140	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Cyclohexane	ND	H	570	130	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Dichlorodifluoromethane	ND	H	570	250	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Ethylbenzene	ND	H	570	160	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
1,2-Dibromoethane	ND	H	570	99	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Isopropylbenzene	ND	H	570	85	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Methyl acetate	**3000**	**H**	2800	270	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Methyl tert-butyl ether	ND	H	570	210	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Methylcyclohexane	ND	H	570	260	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Methylene Chloride	ND	H	570	110	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Styrene	ND	H	570	140	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Tetrachloroethene	ND	H	570	76	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Toluene	ND	H	570	150	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
trans-1,2-Dichloroethene	**220**	**J H**	570	130	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
trans-1,3-Dichloropropene	ND	H	570	56	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Trichloroethene	ND	H	570	160	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Trichlorofluoromethane	ND	H	570	270	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Vinyl chloride	ND	H	570	190	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4
Xylenes, Total	ND	H	1100	310	ug/Kg	☼	04/06/18 15:18	04/09/18 16:15	4

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

TestAmerica Job ID: 480-132355-2

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
Percent Solids: 78.2

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Pentane	3300	T H J N	ug/Kg	☼	2.18	109-66-0	04/06/18 15:18	04/09/18 16:15	4
Pentanal	5800	T H J N	ug/Kg	☼	6.06	110-62-3	04/06/18 15:18	04/09/18 16:15	4
Hexanal	89000	T H J N	ug/Kg	☼	7.78	66-25-1	04/06/18 15:18	04/09/18 16:15	4
Hexanoic acid, methyl ester	7000	T H J N	ug/Kg	☼	9.45	106-70-7	04/06/18 15:18	04/09/18 16:15	4
Unknown	2100	T H J	ug/Kg	☼	10.32		04/06/18 15:18	04/09/18 16:15	4
Unknown	1800	T H J	ug/Kg	☼	10.67		04/06/18 15:18	04/09/18 16:15	4
Unknown	4300	T H J	ug/Kg	☼	11.47		04/06/18 15:18	04/09/18 16:15	4
Unknown	5300	T H J	ug/Kg	☼	11.75		04/06/18 15:18	04/09/18 16:15	4
Unknown	1800	T H J	ug/Kg	☼	13.29		04/06/18 15:18	04/09/18 16:15	4
2,4-Decadienal	3300	T H J N	ug/Kg	☼	13.80	2363-88-4	04/06/18 15:18	04/09/18 16:15	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		50 - 149	04/06/18 15:18	04/09/18 16:15	4
1,2-Dichloroethane-d4 (Surr)	99		53 - 146	04/06/18 15:18	04/09/18 16:15	4
4-Bromofluorobenzene (Surr)	104		49 - 148	04/06/18 15:18	04/09/18 16:15	4
Dibromofluoromethane (Surr)	98		60 - 140	04/06/18 15:18	04/09/18 16:15	4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	32000	4700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
bis (2-chloroisopropyl) ether	ND	H	32000	6400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2,4,5-Trichlorophenol	ND	H	32000	8600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2,4,6-Trichlorophenol	ND	H	32000	6400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2,4-Dichlorophenol	ND	H	32000	3400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2,4-Dimethylphenol	ND	H	32000	7700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2,4-Dinitrophenol	ND	H	310000	150000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2,4-Dinitrotoluene	ND	H	32000	6500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2,6-Dinitrotoluene	ND	H	32000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2-Chloronaphthalene	ND	H	32000	5200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2-Chlorophenol	ND	H	32000	5800	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2-Methylphenol	ND	H	32000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2-Methylnaphthalene	ND	H	32000	6400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2-Nitroaniline	ND	H	62000	4700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
2-Nitrophenol	ND	H	32000	9000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
3,3'-Dichlorobenzidine	ND	H	62000	37000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
3-Nitroaniline	ND	H	62000	30000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4,6-Dinitro-2-methylphenol	ND	H *	62000	32000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4-Bromophenyl phenyl ether	ND	H	32000	4500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4-Chloro-3-methylphenol	ND	H	32000	7800	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4-Chloroaniline	ND	H	32000	7800	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4-Chlorophenyl phenyl ether	ND	H	32000	3900	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4-Methylphenol	ND	H	62000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4-Nitroaniline	ND	H	62000	17000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
4-Nitrophenol	ND	H	62000	22000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Acenaphthene	ND	H	32000	4700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Acenaphthylene	ND	H	32000	4100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Acetophenone	ND	H	32000	4300	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Anthracene	ND	H	32000	7800	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Atrazine	ND	H	32000	11000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Benzaldehyde	ND	H	32000	25000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5

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
Percent Solids: 78.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND	H	32000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Benzo[a]pyrene	ND	H	32000	4700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Benzo[b]fluoranthene	ND	H	32000	5000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Benzo[g,h,i]perylene	ND	H	32000	3400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Benzo[k]fluoranthene	ND	H	32000	4100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Bis(2-chloroethoxy)methane	ND	H	32000	6700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Bis(2-chloroethyl)ether	ND	H	32000	4100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Bis(2-ethylhexyl) phthalate	ND	H	32000	11000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Butyl benzyl phthalate	ND	H	32000	5200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Caprolactam	ND	H	32000	15000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Carbazole	ND	H	32000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Chrysene	ND	H	32000	7100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Dibenz(a,h)anthracene	ND	H	32000	5600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Di-n-butyl phthalate	ND	H	32000	5400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Di-n-octyl phthalate	ND	H	32000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Dibenzofuran	ND	H	32000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Diethyl phthalate	ND	H	32000	4100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Dimethyl phthalate	ND	H	32000	15000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Fluoranthene	ND	H	32000	3400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Fluorene	ND	H	32000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Hexachlorobenzene	ND	H	32000	4300	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Hexachlorobutadiene	ND	H	32000	15000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Hexachlorocyclopentadiene	ND	H	32000	18000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Hexachloroethane	ND	H	32000	4100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Indeno[1,2,3-cd]pyrene	ND	H	32000	3900	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Isophorone	ND	H	32000	15000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
N-Nitrosodi-n-propylamine	ND	H	32000	5400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
N-Nitrosodiphenylamine	ND	H	32000	26000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Naphthalene	ND	H	32000	4100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Nitrobenzene	ND	H	32000	3600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Pentachlorophenol	ND	H	62000	32000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Phenanthrene	ND	H	32000	13000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Phenol	ND	H	32000	4900	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5
Pyrene	ND	H	32000	3700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:02	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*61000*	*T H J*	*ug/Kg*	☼	*1.86*		*04/05/18 14:35*	*04/11/18 01:02*	*5*
Unknown	*70000*	*T H J*	*ug/Kg*	☼	*4.20*		*04/05/18 14:35*	*04/11/18 01:02*	*5*
n-Hexadecanoic acid	*2200000*	*T H J N*	*ug/Kg*	☼	*12.08*	*57-10-3*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
9,17-Octadecadienal, (Z)-	*4900000*	*T H J N*	*ug/Kg*	☼	*12.70*	*56554-35-9*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
Octadecanoic acid	*970000*	*T H J N*	*ug/Kg*	☼	*12.76*	*57-11-4*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
Unknown	*67000*	*T H J*	*ug/Kg*	☼	*14.22*		*04/05/18 14:35*	*04/11/18 01:02*	*5*
9,12-Octadecadienoic acid (Z,Z)-, 2-hydroxy-1-(hydroxymethyl	*97000*	*T H J N*	*ug/Kg*	☼	*14.34*	*3443-82-1*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
Unknown	*57000*	*T H J*	*ug/Kg*	☼	*16.79*		*04/05/18 14:35*	*04/11/18 01:02*	*5*
17-(1,5-Dimethylhexyl) -10,13-dimethyl-4-vinylhexadecahydr ocy	*110000*	*T H J N*	*ug/Kg*	☼	*17.16*	*1000210-86-9*	*04/05/18 14:35*	*04/11/18 01:02*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*53 - 120*	*04/05/18 14:35*	*04/11/18 01:02*	*5*

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
Percent Solids: 78.2

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*130*	*X*	*54 - 120*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
p-Terphenyl-d14 (Surr)	*95*		*65 - 121*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
2,4,6-Tribromophenol (Surr)	*165*	*X*	*54 - 120*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
2-Fluorobiphenyl	*88*		*60 - 120*	*04/05/18 14:35*	*04/11/18 01:02*	*5*
2-Fluorophenol (Surr)	*98*		*52 - 120*	*04/05/18 14:35*	*04/11/18 01:02*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	240	47	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
4,4'-DDE	ND	H	240	51	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
4,4'-DDT	ND	H	240	57	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Aldrin	ND	H	240	59	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
alpha-BHC	ND	H	240	43	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
cis-Chlordane	ND	H	240	120	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
beta-BHC	ND	H	240	43	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
delta-BHC	ND	H	240	45	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Dieldrin	ND	H	240	58	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Endosulfan I	ND	H	240	46	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Endosulfan II	ND	H	240	43	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Endosulfan sulfate	ND	H	240	45	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Endrin	ND	H	240	48	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Endrin aldehyde	ND	H	240	62	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Endrin ketone	ND	H	240	59	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
gamma-BHC (Lindane)	ND	H	240	44	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
trans-Chlordane	ND	H	240	77	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Heptachlor	ND	H	240	52	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Heptachlor epoxide	ND	H	240	62	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Methoxychlor	ND	H	240	49	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20
Toxaphene	ND	H	2400	1400	ug/Kg	☼	04/05/18 14:47	04/06/18 14:25	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*45 - 120*	*04/05/18 14:47*	*04/06/18 14:25*	*20*
DCB Decachlorobiphenyl	*589*	*X*	*45 - 120*	*04/05/18 14:47*	*04/06/18 14:25*	*20*
Tetrachloro-m-xylene	*240*	*X*	*30 - 124*	*04/05/18 14:47*	*04/06/18 14:25*	*20*
Tetrachloro-m-xylene	*186*	*X*	*30 - 124*	*04/05/18 14:47*	*04/06/18 14:25*	*20*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.12	0.023	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1221	ND		0.12	0.023	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1232	ND		0.12	0.023	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1242	ND		0.12	0.023	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1248	ND		0.12	0.023	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1254	ND		0.12	0.055	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1260	ND		0.12	0.055	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1262	ND		0.12	0.055	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1
PCB-1268	ND		0.12	0.055	mg/Kg	☼	04/05/18 14:55	04/06/18 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*04/05/18 14:55*	*04/06/18 15:00*	*1*

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

TestAmerica Job ID: 480-132355-2

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
Percent Solids: 78.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		60 - 154	04/05/18 14:55	04/06/18 15:00	1
DCB Decachlorobiphenyl	104		65 - 174	04/05/18 14:55	04/06/18 15:00	1
DCB Decachlorobiphenyl	96		65 - 174	04/05/18 14:55	04/06/18 15:00	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5640**		12.6	5.5	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Antimony	ND		18.9	0.50	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Arsenic	**8.0**		2.5	0.50	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Barium	**43.6**		0.63	0.14	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Beryllium	**0.25**		0.25	0.035	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Cadmium	**0.43**		0.25	0.038	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Calcium	**32700**	**B**	62.9	4.1	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Chromium	**24.6**		0.63	0.25	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Cobalt	**4.7**		0.63	0.063	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Copper	**27.1**		1.3	0.26	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Iron	**19500**		12.6	4.4	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Lead	**65.8**		1.3	0.30	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Magnesium	**18800**		25.1	1.2	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Manganese	**257**	**B**	0.25	0.040	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Nickel	**15.1**		6.3	0.29	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Potassium	**913**		37.7	25.1	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Selenium	ND		5.0	0.50	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Silver	ND		0.75	0.25	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Sodium	**67.0**	**J**	176	16.3	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Thallium	ND		7.5	0.38	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Vanadium	**11.7**		0.63	0.14	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1
Zinc	**98.6**		2.5	0.80	mg/Kg	☼	04/09/18 16:47	04/10/18 22:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.045**	**H**	0.024	0.0098	mg/Kg	☼	04/10/18 15:20	04/10/18 18:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND	H	1.2	0.56	mg/Kg	☼	04/11/18 06:37	04/11/18 14:05	1

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
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H F1	930	260	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,1,2,2-Tetrachloroethane	ND	H F1	930	150	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,1,2-Trichloroethane	ND	H F1	930	190	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	930	460	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,1-Dichloroethane	ND	H	930	290	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,1-Dichloroethene	ND	H	930	320	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,2,4-Trichlorobenzene	ND	H F1	930	350	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,2-Dibromo-3-Chloropropane	ND	H F1	930	460	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,2-Dichlorobenzene	ND	H	930	240	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,2-Dichloroethane	ND	H	930	380	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,2-Dichloropropane	ND	H	930	150	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,3-Dichlorobenzene	ND	H	930	250	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,4-Dichlorobenzene	ND	H	930	130	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
2-Butanone (MEK)	ND	H F1	4600	2700	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
2-Hexanone	ND	H F1	4600	1900	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
4-Methyl-2-pentanone (MIBK)	ND	H F1	4600	300	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Acetone	ND	H F1	4600	3800	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Benzene	ND	H	930	180	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Bromodichloromethane	ND	H	930	190	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Bromoform	ND	H	930	460	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Bromomethane	ND	H	930	200	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Carbon disulfide	ND	H	930	420	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Carbon tetrachloride	ND	H	930	240	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Chlorobenzene	ND	H	930	120	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Dibromochloromethane	ND	H	930	450	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Chloroethane	ND	H	930	190	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Chloroform	ND	H	930	630	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Chloromethane	ND	H	930	220	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
cis-1,2-Dichloroethene	ND	H	930	260	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
cis-1,3-Dichloropropene	ND	H	930	220	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Cyclohexane	ND	H	930	210	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Dichlorodifluoromethane	ND	H F1	930	400	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Ethylbenzene	ND	H	930	270	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
1,2-Dibromoethane	ND	H F1	930	160	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Isopropylbenzene	ND	H	930	140	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Methyl acetate	ND	H F1	4600	440	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Methyl tert-butyl ether	ND	H F1	930	350	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Methylcyclohexane	ND	H	930	430	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Methylene Chloride	ND	H	930	180	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Styrene	ND	H	930	220	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Tetrachloroethene	ND	H	930	120	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Toluene	ND	H	930	250	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
trans-1,2-Dichloroethene	ND	H	930	220	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
trans-1,3-Dichloropropene	ND	H	930	91	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Trichloroethene	ND	H	930	260	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Trichlorofluoromethane	ND	H F1	930	430	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Vinyl chloride	ND	H	930	310	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8
Xylenes, Total	ND	H	1900	510	ug/Kg	☼	04/06/18 15:18	04/09/18 16:38	8

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

TestAmerica Job ID: 480-132355-2

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
Percent Solids: 90.3

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	2800	T H J	ug/Kg	☼	2.19		04/06/18 15:18	04/09/18 16:38	8
Unknown	2600	T H J	ug/Kg	☼	2.66		04/06/18 15:18	04/09/18 16:38	8
Unknown	2300	T H J	ug/Kg	☼	9.25		04/06/18 15:18	04/09/18 16:38	8
Furan, 2-pentyl-	3100	T H J N	ug/Kg	☼	10.23	3777-69-3	04/06/18 15:18	04/09/18 16:38	8
Unknown	5700	T H J	ug/Kg	☼	11.47		04/06/18 15:18	04/09/18 16:38	8
Nonanal	11000	T H J N	ug/Kg	☼	11.75	124-19-6	04/06/18 15:18	04/09/18 16:38	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		50 - 149	04/06/18 15:18	04/09/18 16:38	8
1,2-Dichloroethane-d4 (Surr)	102		53 - 146	04/06/18 15:18	04/09/18 16:38	8
4-Bromofluorobenzene (Surr)	105		49 - 148	04/06/18 15:18	04/09/18 16:38	8
Dibromofluoromethane (Surr)	99		60 - 140	04/06/18 15:18	04/09/18 16:38	8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	27000	4000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
bis (2-chloroisopropyl) ether	ND	H	27000	5400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2,4,5-Trichlorophenol	ND	H	27000	7300	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2,4,6-Trichlorophenol	ND	H	27000	5400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2,4-Dichlorophenol	ND	H	27000	2900	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2,4-Dimethylphenol	ND	H	27000	6500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2,4-Dinitrophenol	ND	H	260000	120000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2,4-Dinitrotoluene	ND	H	27000	5500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2,6-Dinitrotoluene	ND	H	27000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2-Chloronaphthalene	ND	H	27000	4400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2-Chlorophenol	ND	H	27000	4900	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2-Methylphenol	ND	H	27000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2-Methylnaphthalene	ND	H	27000	5400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2-Nitroaniline	ND	H	52000	4000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
2-Nitrophenol	ND	H	27000	7600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
3,3'-Dichlorobenzidine	ND	H	52000	32000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
3-Nitroaniline	ND	H	52000	26000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4,6-Dinitro-2-methylphenol	ND	H *	52000	27000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4-Bromophenyl phenyl ether	ND	H	27000	3800	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4-Chloro-3-methylphenol	ND	H	27000	6700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4-Chloroaniline	ND	H	27000	6700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4-Chlorophenyl phenyl ether	ND	H	27000	3300	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4-Methylphenol	ND	H	52000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4-Nitroaniline	ND	H	52000	14000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
4-Nitrophenol	ND	H	52000	19000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Acenaphthene	ND	H	27000	4000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Acenaphthylene	ND	H	27000	3500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Acetophenone	ND	H	27000	3600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Anthracene	ND	H	27000	6700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Atrazine	ND	H	27000	9300	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Benzaldehyde	ND	H	27000	21000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Benzo[a]anthracene	ND	H	27000	2700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Benzo[a]pyrene	ND	H	27000	4000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Benzo[b]fluoranthene	ND	H	27000	4300	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Benzo[g,h,i]perylene	ND	H	27000	2900	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5

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

TestAmerica Job ID: 480-132355-2

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
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND	H	27000	3500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Bis(2-chloroethoxy)methane	ND	H	27000	5700	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Bis(2-chloroethyl)ether	ND	H	27000	3500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Bis(2-ethylhexyl) phthalate	ND	H	27000	9200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Butyl benzyl phthalate	ND	H	27000	4400	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Caprolactam	ND	H	27000	13000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Carbazole	ND	H	27000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Chrysene	ND	H	27000	6000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Dibenz(a,h)anthracene	ND	H	27000	4800	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Di-n-butyl phthalate	ND	H	27000	4600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Di-n-octyl phthalate	ND	H	27000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Dibenzofuran	ND	H	27000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Diethyl phthalate	ND	H	27000	3500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Dimethyl phthalate	ND	H	27000	13000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Fluoranthene	ND	H	27000	2900	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Fluorene	ND	H	27000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Hexachlorobenzene	ND	H	27000	3600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Hexachlorobutadiene	ND	H	27000	13000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Hexachlorocyclopentadiene	ND	H	27000	16000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Hexachloroethane	ND	H	27000	3500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Indeno[1,2,3-cd]pyrene	ND	H	27000	3300	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Isophorone	ND	H	27000	13000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
N-Nitrosodi-n-propylamine	ND	H	27000	4600	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
N-Nitrosodiphenylamine	ND	H	27000	22000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Naphthalene	ND	H	27000	3500	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Nitrobenzene	ND	H	27000	3000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Pentachlorophenol	ND	H	52000	27000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Phenanthrene	ND	H	27000	11000	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Phenol	ND	H	27000	4100	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5
Pyrene	ND	H	27000	3200	ug/Kg	☼	04/05/18 14:35	04/11/18 01:28	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*72000*	*T H J*	*ug/Kg*	☼	*1.85*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*69000*	*T H J*	*ug/Kg*	☼	*2.19*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*690000*	*T H J*	*ug/Kg*	☼	*3.83*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*300000*	*T H J*	*ug/Kg*	☼	*6.00*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*69000*	*T H J*	*ug/Kg*	☼	*6.81*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*92000*	*T H J*	*ug/Kg*	☼	*7.11*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*65000*	*T H J*	*ug/Kg*	☼	*7.20*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*78000*	*T H J*	*ug/Kg*	☼	*7.66*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*150000*	*T H J*	*ug/Kg*	☼	*8.29*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*120000*	*T H J*	*ug/Kg*	☼	*8.44*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
2,4-Decadienal	*190000*	*T H J N*	*ug/Kg*	☼	*8.68*	*2363-88-4*	*04/05/18 14:35*	*04/11/18 01:28*	*5*
2,4-Nonadienal, (E,E)-	*350000*	*T H J N*	*ug/Kg*	☼	*8.85*	*5910-87-2*	*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*270000*	*T H J*	*ug/Kg*	☼	*9.03*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*98000*	*T H J*	*ug/Kg*	☼	*9.15*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*120000*	*T H J*	*ug/Kg*	☼	*9.81*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
Unknown	*68000*	*T H J*	*ug/Kg*	☼	*9.91*		*04/05/18 14:35*	*04/11/18 01:28*	*5*
n-Hexadecanoic acid	*1500000*	*T H J N*	*ug/Kg*	☼	*12.07*	*57-10-3*	*04/05/18 14:35*	*04/11/18 01:28*	*5*
Oleic Acid	*1800000*	*T H J N*	*ug/Kg*	☼	*12.70*	*112-80-1*	*04/05/18 14:35*	*04/11/18 01:28*	*5*

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
Percent Solids: 90.3

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	63000	T H J	ug/Kg	☼	16.79		04/05/18 14:35	04/11/18 01:28	5
Unknown	140000	T H J	ug/Kg	☼	17.15		04/05/18 14:35	04/11/18 01:28	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	X	53 - 120	04/05/18 14:35	04/11/18 01:28	5
Phenol-d5 (Surr)	0	X	54 - 120	04/05/18 14:35	04/11/18 01:28	5
p-Terphenyl-d14 (Surr)	88		65 - 121	04/05/18 14:35	04/11/18 01:28	5
2,4,6-Tribromophenol (Surr)	0	X	54 - 120	04/05/18 14:35	04/11/18 01:28	5
2-Fluorobiphenyl	82		60 - 120	04/05/18 14:35	04/11/18 01:28	5
2-Fluorophenol (Surr)	0	X	52 - 120	04/05/18 14:35	04/11/18 01:28	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	110	21	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
4,4'-DDE	ND	H	110	23	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
4,4'-DDT	**31**	**J H**	110	26	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Aldrin	ND	H	110	27	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
alpha-BHC	**61**	**J H**	110	20	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
cis-Chlordane	ND	H	110	55	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
beta-BHC	ND	H	110	20	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
delta-BHC	ND	H	110	20	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Dieldrin	ND	H	110	26	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Endosulfan I	ND	H	110	21	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Endosulfan II	ND	H	110	20	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Endosulfan sulfate	ND	H	110	20	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Endrin	ND	H	110	22	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Endrin aldehyde	ND	H	110	28	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Endrin ketone	ND	H	110	27	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
gamma-BHC (Lindane)	ND	H	110	20	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
trans-Chlordane	ND	H	110	35	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Heptachlor	ND	H	110	24	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Heptachlor epoxide	ND	H	110	28	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Methoxychlor	ND	H	110	22	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10
Toxaphene	ND	H	1100	640	ug/Kg	☼	04/05/18 14:47	04/06/18 14:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	42	X	45 - 120	04/05/18 14:47	04/06/18 14:45	10
DCB Decachlorobiphenyl	259	X	45 - 120	04/05/18 14:47	04/06/18 14:45	10
Tetrachloro-m-xylene	335	X	30 - 124	04/05/18 14:47	04/06/18 14:45	10
Tetrachloro-m-xylene	451	X	30 - 124	04/05/18 14:47	04/06/18 14:45	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.11	0.021	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1
PCB-1221	ND		0.11	0.021	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1
PCB-1232	ND		0.11	0.021	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1
PCB-1242	ND		0.11	0.021	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1
PCB-1248	ND		0.11	0.021	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1
PCB-1254	ND		0.11	0.051	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1
PCB-1260	ND		0.11	0.051	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1

Client Sample ID: S-2
Date Collected: 03/06/18 11:00
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Lab Sample ID: 480-132355-2
Matrix: Solid
Percent Solids: 90.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		0.11	0.051	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1
PCB-1268	ND		0.11	0.051	mg/Kg	☼	04/05/18 14:55	04/06/18 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*60 - 154*	*04/05/18 14:55*	*04/06/18 15:16*	*1*
Tetrachloro-m-xylene	*50*	*X*	*60 - 154*	*04/05/18 14:55*	*04/06/18 15:16*	*1*
DCB Decachlorobiphenyl	*60*	*X*	*65 - 174*	*04/05/18 14:55*	*04/06/18 15:16*	*1*
DCB Decachlorobiphenyl	*51*	*X*	*65 - 174*	*04/05/18 14:55*	*04/06/18 15:16*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7140**		10.7	4.7	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Antimony	ND		16.0	0.43	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Arsenic	**2.9**		2.1	0.43	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Barium	**38.1**		0.53	0.12	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Beryllium	**0.32**		0.21	0.030	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Cadmium	**1.2**		0.21	0.032	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Calcium	**11500**	**B**	53.4	3.5	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Chromium	**14.5**		0.53	0.21	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Cobalt	**6.1**		0.53	0.053	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Copper	**27.9**		1.1	0.22	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Iron	**16200**		10.7	3.7	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Lead	**32.3**		1.1	0.26	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Magnesium	**5030**		21.3	0.99	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Manganese	**361**	**B**	0.21	0.034	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Nickel	**16.6**		5.3	0.25	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Potassium	**1020**		32.0	21.3	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Selenium	ND		4.3	0.43	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Silver	ND		0.64	0.21	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Sodium	**39.5**	**J**	149	13.9	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Thallium	ND		6.4	0.32	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Vanadium	**14.5**		0.53	0.12	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1
Zinc	**99.2**		2.1	0.68	mg/Kg	☼	04/09/18 16:47	04/10/18 22:38	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**J H**	0.021	0.0085	mg/Kg	☼	04/10/18 15:20	04/10/18 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND	H	0.96	0.46	mg/Kg	☼	04/11/18 06:37	04/11/18 14:07	1

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

TestAmerica Job ID: 480-132355-2

Client Sample ID: D-2
Date Collected: 03/06/18 11:15
Date Received: 03/09/18 00:45

Lab Sample ID: 480-132355-4
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.087**	**J**	0.20	0.060	mg/L		04/16/18 09:44	04/16/18 22:00	1
Antimony	ND		0.020	0.0068	mg/L		04/16/18 09:44	04/16/18 22:00	1
Arsenic	ND		0.015	0.0056	mg/L		04/16/18 09:44	04/16/18 22:00	1
Barium	**0.0041**		0.0020	0.00070	mg/L		04/16/18 09:44	04/16/18 22:00	1
Beryllium	ND		0.0020	0.00030	mg/L		04/16/18 09:44	04/16/18 22:00	1
Cadmium	**0.017**		0.0020	0.00050	mg/L		04/16/18 09:44	04/16/18 22:00	1
Calcium	**2.7**		0.50	0.10	mg/L		04/16/18 09:44	04/16/18 22:00	1
Chromium	**0.0011**	**J**	0.0040	0.0010	mg/L		04/16/18 09:44	04/16/18 22:00	1
Cobalt	ND		0.0040	0.00063	mg/L		04/16/18 09:44	04/16/18 22:00	1
Copper	**0.031**		0.010	0.0016	mg/L		04/16/18 09:44	04/16/18 22:00	1
Iron	**2.0**		0.050	0.019	mg/L		04/16/18 09:44	04/16/18 22:00	1
Lead	**0.084**		0.010	0.0030	mg/L		04/16/18 09:44	04/16/18 22:00	1
Magnesium	**0.66**		0.20	0.043	mg/L		04/16/18 09:44	04/16/18 22:00	1
Manganese	**0.041**		0.0030	0.00040	mg/L		04/16/18 09:44	04/16/18 22:00	1
Nickel	ND		0.010	0.0013	mg/L		04/16/18 09:44	04/16/18 22:00	1
Potassium	**0.69**		0.50	0.10	mg/L		04/16/18 09:44	04/16/18 22:00	1
Selenium	ND		0.025	0.0087	mg/L		04/16/18 09:44	04/16/18 22:00	1
Silver	ND		0.0060	0.0017	mg/L		04/16/18 09:44	04/16/18 22:00	1
Sodium	**0.46**	**J B**	1.0	0.32	mg/L		04/16/18 09:44	04/16/18 22:00	1
Thallium	ND		0.020	0.010	mg/L		04/16/18 09:44	04/16/18 22:00	1
Vanadium	ND		0.0050	0.0015	mg/L		04/16/18 09:44	04/16/18 22:00	1
Zinc	**0.050**	**B**	0.010	0.0015	mg/L		04/16/18 09:44	04/16/18 22:00	1

Lab Chronicle

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

TestAmerica Job ID: 480-132355-2

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	409038	04/16/18 12:47	KPK	TAL BUF

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

Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			407601	04/06/18 15:18	LMS	TAL BUF
Total/NA	Analysis	8260C		4	407746	04/09/18 16:15	KMN	TAL BUF
Total/NA	Prep	3546			407402	04/05/18 14:35	BEK	TAL BUF
Total/NA	Analysis	8270D		5	408096	04/11/18 01:02	DMR	TAL BUF
Total/NA	Prep	3546			407404	04/05/18 14:47	BEK	TAL BUF
Total/NA	Analysis	8081B		20	407540	04/06/18 14:25	JLS	TAL BUF
Total/NA	Prep	3546			407405	04/05/18 14:55	BEK	TAL BUF
Total/NA	Analysis	8082A		1	407497	04/06/18 15:00	W1T	TAL BUF
Total/NA	Prep	3050B			407898	04/09/18 16:47	EMB	TAL BUF
Total/NA	Analysis	6010C		1	408232	04/10/18 22:34	AMH	TAL BUF
Total/NA	Prep	7471B			407901	04/10/18 15:20	BMB	TAL BUF
Total/NA	Analysis	7471B		1	408131	04/10/18 18:02	BMB	TAL BUF
Total/NA	Prep	9012B			408169	04/11/18 06:37	BEV	TAL BUF
Total/NA	Analysis	9012B		1	408314	04/11/18 14:05	MDL	TAL BUF

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	409038	04/16/18 12:47	KPK	TAL BUF

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

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			407601	04/06/18 15:18	LMS	TAL BUF
Total/NA	Analysis	8260C		8	407746	04/09/18 16:38	KMN	TAL BUF
Total/NA	Prep	3546			407402	04/05/18 14:35	BEK	TAL BUF
Total/NA	Analysis	8270D		5	408096	04/11/18 01:28	DMR	TAL BUF
Total/NA	Prep	3546			407404	04/05/18 14:47	BEK	TAL BUF
Total/NA	Analysis	8081B		10	407540	04/06/18 14:45	JLS	TAL BUF
Total/NA	Prep	3546			407405	04/05/18 14:55	BEK	TAL BUF
Total/NA	Analysis	8082A		1	407497	04/06/18 15:16	W1T	TAL BUF
Total/NA	Prep	3050B			407898	04/09/18 16:47	EMB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-132355-2

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
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	408232	04/10/18 22:38	AMH	TAL BUF
Total/NA	Prep	7471B			407901	04/10/18 15:20	BMB	TAL BUF
Total/NA	Analysis	7471B		1	408131	04/10/18 18:05	BMB	TAL BUF
Total/NA	Prep	9012B			408169	04/11/18 06:37	BEV	TAL BUF
Total/NA	Analysis	9012B		1	408314	04/11/18 14:07	MDL	TAL BUF

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
Total/NA	Prep	3005A			408936	04/16/18 09:44	SMF	TAL BUF
Total/NA	Analysis	6010C		1	409184	04/16/18 22:00	LMH	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 480-132355-2

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
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

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

Method Summary

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

TestAmerica Job ID: 480-132355-2

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
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
9012B	Cyanide, Total andor Amenable	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3546	Microwave Extraction	SW846	TAL BUF
5035A_H	Closed System Purge and Trap	SW846	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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.
Project/Site: Schatz Plant #1711338 PIN 07800

TestAmerica Job ID: 480-132355-2

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

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-132355 COC

Client Information	Sampler: Randy Whitcher	Lab PM: Judy Stone	Carri
Client Contact: Mr. Daniel Lanners	Phone: 518-402-9669	E-Mail:	COC No: 480-110136-25599.1
Company: New York State D.E.C.			Page: Page 1 of 2
Address: 625 Broadway ~~4th~~ 11th Floor	Due Date Requested:		Job #:
City: Albany	TAT Requested (days): Standard TAT		
State, Zip: NY, 12233	PO #:		
Phone: 518-402-9652	WO #:		
Email: ~~Drlanner@gw.dec.state.ny.us~~ daniel.lanners@dec.ny.gov	Project #:		
Project Name: ~~DEC Poughkeepsie TCLP~~ Site Insp. 3/6/18	SSOW#:		
Site: Schatz Plant Site			

Analysis Reque

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Site No. 814074
Poughkeepsie, NY

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7470A, 8081B, 8151A, 8270D	8260C -	8081B, 8270D	8151A -	6010C -	7470A -	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
S-1	3/6/18	1030	G	Solid			X	X					2	
				~~Solid~~										
S-2	3/6/18	1100	G	Solid			X	X					2	
				~~Solid~~										
D-1	3/6/18	1045	G	~~Aqueous~~ ~~Solid~~	N			X	X	X	X	X	8	
				~~Solid~~										
D-2	3/6/18	1115	G	~~Aqueous~~ ~~Solid~~	N			X	X	X	X	X	8	
				Solid										
				Water										
				Water										
				Water										

3-7-18

Possible Hazard Identification
☐ Non-Hazard ☒ Flammable ☒ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Category B

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by: Dan Lanners	3-7-18 1150	NYSDEC	Received by: Tim Kno Manager	3-7-18 1150	TA
Relinquished by:	3-8-18 1800	TA	Received by:	3-7-18 0045	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.5 #1

Ver: 08/04/2016

4/19/2018

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-132355-2

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	