TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 480-79239-1
Client Project/Site: NYSDEC - Patton's Busy Bee:site #902014

For:
New York State D.E.C.
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Buffalo, New York 14203

Attn: Mr. Brian Sadowski

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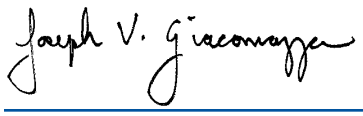
I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable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



Joe Giacomazza
Project Management Assistant II
5/13/2015 10:20:35 AM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
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.

GC Semi 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.

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.

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.

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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

Job ID: 480-79239-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-79239-1

Receipt
The sample was received on 4/28/2015 9:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 240248 recovered above the upper control limit for several analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: LEACHATE TANK BBT2 (480-79239-1).

Method(s) 8260C: The laboratory control sample (LCS) for 240248 recovered outside control limits for the following analyte: Carbon tetrachloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240248 was outside the method criteria for the following analyte: 1,1,1 Trichloroethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: LEACHATE TANK BBT2 (480-79239-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for batch 240295 recovered outside control limits for the following analytes: Vinyl Chloride, Dichlorodifluoromethane, Chloromethane . These were not requested spike compounds; therefore, the data have been qualified and reported.LEACHATE TANK BBT2 (480-79239-1)

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 continuing calibration verification (CCV) associated with batch 239672 recovered above the upper control limit for 4-Nitroaniline, Benzo[g,h,i]Perylene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: (CCVIS 480-239672/3).

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 239995 was outside the method criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.LEACHATE TANK BBT2 (480-79239-1) and (CCVIS 480-239995/3)

Method(s) 8270D: The laboratory control sample (LCS) for 239299 recovered outside control limits for the following analytes: 3-Nitroaniline and 4-Nitroaniline. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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 sample was diluted due to the nature of the sample matrix: LEACHATE TANK BBT2 (480-79239-1). Elevated reporting limits (RLs) are provided.

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

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

Job ID: 480-79239-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

General Chemistry

Method(s) SM 5210B: The USB dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results in batch 239474 are reported.(USB 480-239474/1)

Method(s) SM 5210B: The USB dilution water D.O. depletion was greater than 0.2 mg/L but less than the reporting limit of 2.0 mg/L. The associated sample results in batch 239475 are reported. (USB 480-239475/1)

Method(s) Distill/Ammonia: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: LEACHATE TANK BBT2 (480-79239-1) and (480-79239-C-1 MS). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: LEACHATE TANK BBT2 (480-79239-1).

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

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 240155.

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: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

Client Sample ID: LEACHATE TANK BBT2
Date Collected: 04/27/15 12:00
Date Received: 04/28/15 09:00

Lab Sample ID: 480-79239-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.6**	**^**	1.0	0.82	ug/L			05/04/15 07:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/04/15 07:11	1
1,1,2-Trichloroethane	**0.82**	**J**	1.0	0.23	ug/L			05/04/15 07:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/04/15 07:11	1
1,1-Dichloroethane	**5.5**		1.0	0.38	ug/L			05/04/15 07:11	1
1,1-Dichloroethene	**2.6**		1.0	0.29	ug/L			05/04/15 07:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/04/15 07:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/04/15 07:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/04/15 07:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/04/15 07:11	1
1,2-Dichloroethane	**0.46**	**J**	1.0	0.21	ug/L			05/04/15 07:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/04/15 07:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/04/15 07:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/04/15 07:11	1
2-Hexanone	ND		5.0	1.2	ug/L			05/04/15 07:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/04/15 07:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/04/15 07:11	1
Acetone	**3.8**	**J**	10	3.0	ug/L			05/04/15 07:11	1
Benzene	**0.47**	**J**	1.0	0.41	ug/L			05/04/15 07:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/04/15 07:11	1
Bromoform	ND		1.0	0.26	ug/L			05/04/15 07:11	1
Bromomethane	ND		1.0	0.69	ug/L			05/04/15 07:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/04/15 07:11	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			05/04/15 07:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/04/15 07:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/04/15 07:11	1
Chloroethane	**0.40**	**J**	1.0	0.32	ug/L			05/04/15 07:11	1
Chloroform	**0.39**	**J**	1.0	0.34	ug/L			05/04/15 07:11	1
Chloromethane	ND		1.0	0.35	ug/L			05/04/15 07:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/04/15 07:11	1
Cyclohexane	ND		1.0	0.18	ug/L			05/04/15 07:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/04/15 07:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/04/15 07:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/04/15 07:11	1
Methyl acetate	ND		2.5	0.50	ug/L			05/04/15 07:11	1
Methyl tert-butyl ether	**0.35**	**J**	1.0	0.16	ug/L			05/04/15 07:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/04/15 07:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/04/15 07:11	1
Styrene	ND		1.0	0.73	ug/L			05/04/15 07:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/04/15 07:11	1
Toluene	ND		1.0	0.51	ug/L			05/04/15 07:11	1
trans-1,2-Dichloroethene	**3.8**		1.0	0.90	ug/L			05/04/15 07:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/04/15 07:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/04/15 07:11	1
Vinyl chloride	**24**		1.0	0.90	ug/L			05/04/15 07:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/04/15 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*05/04/15 07:11*	*1*

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-79239-1

Date Collected: 04/27/15 12:00

Matrix: Water

Date Received: 04/28/15 09:00

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*71 - 126*		*05/04/15 07:11*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*05/04/15 07:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**260**		10	8.1	ug/L			05/04/15 12:07	10
Trichloroethene	**410**		10	4.6	ug/L			05/04/15 12:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*05/04/15 12:07*	*10*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/04/15 12:07*	*10*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/04/15 12:07*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.1	0.66	ug/L		04/29/15 07:50	05/01/15 17:03	1
bis (2-chloroisopropyl) ether	ND		5.1	0.53	ug/L		04/29/15 07:50	05/01/15 17:03	1
2,4,5-Trichlorophenol	ND		5.1	0.49	ug/L		04/29/15 07:50	05/01/15 17:03	1
2,4,6-Trichlorophenol	ND		5.1	0.62	ug/L		04/29/15 07:50	05/01/15 17:03	1
2,4-Dichlorophenol	ND		5.1	0.52	ug/L		04/29/15 07:50	05/01/15 17:03	1
2,4-Dimethylphenol	ND		5.1	0.51	ug/L		04/29/15 07:50	05/01/15 17:03	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/29/15 07:50	05/01/15 17:03	1
2,4-Dinitrotoluene	ND		5.1	0.45	ug/L		04/29/15 07:50	05/01/15 17:03	1
2,6-Dinitrotoluene	ND		5.1	0.40	ug/L		04/29/15 07:50	05/01/15 17:03	1
2-Chloronaphthalene	ND		5.1	0.47	ug/L		04/29/15 07:50	05/01/15 17:03	1
2-Chlorophenol	ND		5.1	0.54	ug/L		04/29/15 07:50	05/01/15 17:03	1
2-Methylnaphthalene	ND		5.1	0.61	ug/L		04/29/15 07:50	05/01/15 17:03	1
2-Methylphenol	ND		5.1	0.40	ug/L		04/29/15 07:50	05/01/15 17:03	1
2-Nitroaniline	ND		10	0.42	ug/L		04/29/15 07:50	05/01/15 17:03	1
2-Nitrophenol	ND		5.1	0.49	ug/L		04/29/15 07:50	05/01/15 17:03	1
3,3'-Dichlorobenzidine	ND		5.1	0.40	ug/L		04/29/15 07:50	05/01/15 17:03	1
3-Nitroaniline	ND	*	10	0.49	ug/L		04/29/15 07:50	05/01/15 17:03	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/29/15 07:50	05/01/15 17:03	1
4-Bromophenyl phenyl ether	ND		5.1	0.46	ug/L		04/29/15 07:50	05/01/15 17:03	1
4-Chloro-3-methylphenol	ND		5.1	0.46	ug/L		04/29/15 07:50	05/01/15 17:03	1
4-Chloroaniline	ND		5.1	0.60	ug/L		04/29/15 07:50	05/01/15 17:03	1
4-Chlorophenyl phenyl ether	ND		5.1	0.35	ug/L		04/29/15 07:50	05/01/15 17:03	1
4-Methylphenol	ND		10	0.36	ug/L		04/29/15 07:50	05/01/15 17:03	1
4-Nitroaniline	ND	*	10	0.25	ug/L		04/29/15 07:50	05/01/15 17:03	1
4-Nitrophenol	ND		10	1.5	ug/L		04/29/15 07:50	05/01/15 17:03	1
Acenaphthene	ND		5.1	0.41	ug/L		04/29/15 07:50	05/01/15 17:03	1
Acenaphthylene	ND		5.1	0.38	ug/L		04/29/15 07:50	05/01/15 17:03	1
Acetophenone	ND		5.1	0.55	ug/L		04/29/15 07:50	05/01/15 17:03	1
Anthracene	ND		5.1	0.28	ug/L		04/29/15 07:50	05/01/15 17:03	1
Atrazine	ND		5.1	0.47	ug/L		04/29/15 07:50	05/01/15 17:03	1
Benzaldehyde	**0.87**	**J**	5.1	0.27	ug/L		04/29/15 07:50	05/01/15 17:03	1
Benzo(a)anthracene	ND		5.1	0.36	ug/L		04/29/15 07:50	05/01/15 17:03	1
Benzo(a)pyrene	ND		5.1	0.48	ug/L		04/29/15 07:50	05/01/15 17:03	1
Benzo(b)fluoranthene	ND		5.1	0.34	ug/L		04/29/15 07:50	05/01/15 17:03	1
Benzo(g,h,i)perylene	ND		5.1	0.35	ug/L		04/29/15 07:50	05/01/15 17:03	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

Client Sample ID: LEACHATE TANK BBT2
Date Collected: 04/27/15 12:00
Date Received: 04/28/15 09:00

Lab Sample ID: 480-79239-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.1	0.74	ug/L		04/29/15 07:50	05/01/15 17:03	1
Bis(2-chloroethoxy)methane	ND		5.1	0.35	ug/L		04/29/15 07:50	05/01/15 17:03	1
Bis(2-chloroethyl)ether	ND		5.1	0.40	ug/L		04/29/15 07:50	05/01/15 17:03	1
Bis(2-ethylhexyl) phthalate	ND		5.1	1.8	ug/L		04/29/15 07:50	05/01/15 17:03	1
Butyl benzyl phthalate	**0.72**	**J B**	5.1	0.42	ug/L		04/29/15 07:50	05/01/15 17:03	1
Caprolactam	ND		5.1	2.2	ug/L		04/29/15 07:50	05/01/15 17:03	1
Carbazole	ND		5.1	0.30	ug/L		04/29/15 07:50	05/01/15 17:03	1
Chrysene	ND		5.1	0.33	ug/L		04/29/15 07:50	05/01/15 17:03	1
Di-n-butyl phthalate	ND		5.1	0.31	ug/L		04/29/15 07:50	05/01/15 17:03	1
Di-n-octyl phthalate	ND		5.1	0.48	ug/L		04/29/15 07:50	05/01/15 17:03	1
Dibenz(a,h)anthracene	ND		5.1	0.42	ug/L		04/29/15 07:50	05/01/15 17:03	1
Dibenzofuran	ND		10	0.52	ug/L		04/29/15 07:50	05/01/15 17:03	1
Diethyl phthalate	ND		5.1	0.22	ug/L		04/29/15 07:50	05/01/15 17:03	1
Dimethyl phthalate	ND		5.1	0.36	ug/L		04/29/15 07:50	05/01/15 17:03	1
Fluoranthene	ND		5.1	0.40	ug/L		04/29/15 07:50	05/01/15 17:03	1
Fluorene	ND		5.1	0.36	ug/L		04/29/15 07:50	05/01/15 17:03	1
Hexachlorobenzene	ND		5.1	0.52	ug/L		04/29/15 07:50	05/01/15 17:03	1
Hexachlorobutadiene	ND		5.1	0.69	ug/L		04/29/15 07:50	05/01/15 17:03	1
Hexachlorocyclopentadiene	ND		5.1	0.60	ug/L		04/29/15 07:50	05/01/15 17:03	1
Hexachloroethane	ND		5.1	0.60	ug/L		04/29/15 07:50	05/01/15 17:03	1
Indeno(1,2,3-cd)pyrene	ND		5.1	0.48	ug/L		04/29/15 07:50	05/01/15 17:03	1
Isophorone	ND		5.1	0.44	ug/L		04/29/15 07:50	05/01/15 17:03	1
N-Nitrosodi-n-propylamine	ND		5.1	0.55	ug/L		04/29/15 07:50	05/01/15 17:03	1
N-Nitrosodiphenylamine	ND		5.1	0.52	ug/L		04/29/15 07:50	05/01/15 17:03	1
Naphthalene	ND		5.1	0.77	ug/L		04/29/15 07:50	05/01/15 17:03	1
Nitrobenzene	ND		5.1	0.29	ug/L		04/29/15 07:50	05/01/15 17:03	1
Pentachlorophenol	ND		10	2.2	ug/L		04/29/15 07:50	05/01/15 17:03	1
Phenanthrene	ND		5.1	0.45	ug/L		04/29/15 07:50	05/01/15 17:03	1
Phenol	ND		5.1	0.39	ug/L		04/29/15 07:50	05/01/15 17:03	1
Pyrene	ND		5.1	0.34	ug/L		04/29/15 07:50	05/01/15 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*52 - 132*	*04/29/15 07:50*	*05/01/15 17:03*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*04/29/15 07:50*	*05/01/15 17:03*	*1*
2-Fluorophenol	*66*		*20 - 120*	*04/29/15 07:50*	*05/01/15 17:03*	*1*
Nitrobenzene-d5	*87*		*46 - 120*	*04/29/15 07:50*	*05/01/15 17:03*	*1*
p-Terphenyl-d14	*76*		*67 - 150*	*04/29/15 07:50*	*05/01/15 17:03*	*1*
Phenol-d5	*48*		*16 - 120*	*04/29/15 07:50*	*05/01/15 17:03*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.026**	**J**	0.097	0.018	ug/L		05/02/15 09:10	05/04/15 16:57	2
4,4'-DDE	ND		0.097	0.022	ug/L		05/02/15 09:10	05/04/15 16:57	2
4,4'-DDT	ND		0.097	0.021	ug/L		05/02/15 09:10	05/04/15 16:57	2
Aldrin	ND		0.097	0.016	ug/L		05/02/15 09:10	05/04/15 16:57	2
alpha-BHC	ND		0.097	0.015	ug/L		05/02/15 09:10	05/04/15 16:57	2
alpha-Chlordane	ND		0.097	0.029	ug/L		05/02/15 09:10	05/04/15 16:57	2
beta-BHC	ND		0.097	0.048	ug/L		05/02/15 09:10	05/04/15 16:57	2
delta-BHC	ND		0.097	0.019	ug/L		05/02/15 09:10	05/04/15 16:57	2
Dieldrin	ND		0.097	0.019	ug/L		05/02/15 09:10	05/04/15 16:57	2

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-79239-1
Date Collected: 04/27/15 12:00
Matrix: Water
Date Received: 04/28/15 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.097	0.021	ug/L		05/02/15 09:10	05/04/15 16:57	2
Endosulfan II	ND		0.097	0.023	ug/L		05/02/15 09:10	05/04/15 16:57	2
Endosulfan sulfate	ND		0.097	0.030	ug/L		05/02/15 09:10	05/04/15 16:57	2
Endrin	ND		0.097	0.027	ug/L		05/02/15 09:10	05/04/15 16:57	2
Endrin aldehyde	ND		0.097	0.031	ug/L		05/02/15 09:10	05/04/15 16:57	2
Endrin ketone	ND		0.097	0.023	ug/L		05/02/15 09:10	05/04/15 16:57	2
gamma-BHC (Lindane)	ND		0.097	0.015	ug/L		05/02/15 09:10	05/04/15 16:57	2
gamma-Chlordane	ND		0.097	0.021	ug/L		05/02/15 09:10	05/04/15 16:57	2
Heptachlor	ND		0.097	0.016	ug/L		05/02/15 09:10	05/04/15 16:57	2
Heptachlor epoxide	ND		0.097	0.014	ug/L		05/02/15 09:10	05/04/15 16:57	2
Methoxychlor	ND		0.097	0.027	ug/L		05/02/15 09:10	05/04/15 16:57	2
Toxaphene	ND		0.97	0.23	ug/L		05/02/15 09:10	05/04/15 16:57	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*20 - 120*	*05/02/15 09:10*	*05/04/15 16:57*	*2*
Tetrachloro-m-xylene	*80*		*36 - 120*	*05/02/15 09:10*	*05/04/15 16:57*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		05/01/15 09:25	05/01/15 22:38	1
PCB-1221	ND		0.50	0.18	ug/L		05/01/15 09:25	05/01/15 22:38	1
PCB-1232	ND		0.50	0.18	ug/L		05/01/15 09:25	05/01/15 22:38	1
PCB-1242	ND		0.50	0.18	ug/L		05/01/15 09:25	05/01/15 22:38	1
PCB-1248	ND		0.50	0.18	ug/L		05/01/15 09:25	05/01/15 22:38	1
PCB-1254	ND		0.50	0.25	ug/L		05/01/15 09:25	05/01/15 22:38	1
PCB-1260	ND		0.50	0.25	ug/L		05/01/15 09:25	05/01/15 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*19 - 125*	*05/01/15 09:25*	*05/01/15 22:38*	*1*
Tetrachloro-m-xylene	*65*		*24 - 137*	*05/01/15 09:25*	*05/01/15 22:38*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.063**	**J**	0.20	0.060	mg/L		04/28/15 16:36	04/29/15 15:43	1
Antimony	ND		0.020	0.0068	mg/L		04/28/15 16:36	04/29/15 15:43	1
Arsenic	**0.0061**	**J**	0.015	0.0056	mg/L		04/28/15 16:36	04/29/15 15:43	1
Barium	**0.35**		0.0020	0.00070	mg/L		04/28/15 16:36	04/29/15 15:43	1
Beryllium	ND		0.0020	0.00030	mg/L		04/28/15 16:36	04/29/15 15:43	1
Cadmium	ND		0.0020	0.00050	mg/L		04/28/15 16:36	04/29/15 15:43	1
Calcium	**151**		0.50	0.10	mg/L		04/28/15 16:36	04/29/15 15:43	1
Chromium	ND		0.0040	0.0010	mg/L		04/28/15 16:36	04/29/15 15:43	1
Cobalt	**0.0062**		0.0040	0.00063	mg/L		04/28/15 16:36	04/29/15 15:43	1
Copper	**0.0024**	**J**	0.010	0.0016	mg/L		04/28/15 16:36	04/29/15 15:43	1
Iron	**4.3**		0.050	0.019	mg/L		04/28/15 16:36	04/29/15 15:43	1
Lead	ND		0.010	0.0030	mg/L		04/28/15 16:36	04/29/15 15:43	1
Magnesium	**58.4**		0.20	0.043	mg/L		04/28/15 16:36	04/29/15 15:43	1
Manganese	**6.9**	**B**	0.0030	0.00040	mg/L		04/28/15 16:36	04/29/15 15:43	1
Nickel	**0.011**		0.010	0.0013	mg/L		04/28/15 16:36	04/29/15 15:43	1
Potassium	**29.1**		0.50	0.10	mg/L		04/28/15 16:36	04/29/15 15:43	1
Selenium	ND		0.025	0.0087	mg/L		04/28/15 16:36	04/29/15 15:43	1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-79239-1
Date Collected: 04/27/15 12:00
Matrix: Water
Date Received: 04/28/15 09:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		04/28/15 16:36	04/29/15 15:43	1
Sodium	**182**		1.0	0.32	mg/L		04/28/15 16:36	04/29/15 15:43	1
Thallium	ND		0.020	0.010	mg/L		04/28/15 16:36	04/29/15 15:43	1
Vanadium	ND		0.0050	0.0015	mg/L		04/28/15 16:36	04/29/15 15:43	1
Zinc	**0.014**	**B**	0.010	0.0015	mg/L		04/28/15 16:36	04/29/15 15:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/01/15 09:15	05/01/15 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**3.3**	**F1**	0.40	0.20	mg/L		05/04/15 15:41	05/06/15 09:31	1
Total Kjeldahl Nitrogen	**28.7**		4.0	3.0	mg/L		05/01/15 04:20	05/01/15 15:47	20
Chemical Oxygen Demand	**54.0**	**B**	10.0	5.0	mg/L			05/05/15 12:10	1
Phosphorus	**0.021**		0.010	0.0050	mg/L			04/29/15 14:29	1
Phosphorus as PO4	**0.066**		0.031	0.015	mg/L			04/29/15 14:29	1
Biochemical Oxygen Demand	**2.8**	**b**	2.0	2.0	mg/L			04/29/15 08:40	1
Carbonaceous Biochemical Oxygen Demand	**2.3**	**b**	2.0	2.0	mg/L			04/29/15 08:40	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**6.4**		4.0	4.0	mg/L			04/30/15 20:04	1
pH	**6.52**	**HF**	0.100	0.100	SU			05/01/15 08:45	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-79239-1

Date Collected: 04/27/15 12:00

Matrix: Water

Date Received: 04/28/15 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	240248	05/04/15 07:11	JWG	TAL BUF
Total/NA	Analysis	8260C	DL	10	240295	05/04/15 12:07	GTG	TAL BUF
Total/NA	Prep	3510C			239299	04/29/15 07:50	TRG	TAL BUF
Total/NA	Analysis	8270D		1	239995	05/01/15 17:03	PJQ	TAL BUF
Total/NA	Prep	3510C			240155	05/02/15 09:10	RJS	TAL BUF
Total/NA	Analysis	8081B		2	240277	05/04/15 16:57	MAN	TAL BUF
Total/NA	Prep	3510C			239961	05/01/15 09:25	RJS	TAL BUF
Total/NA	Analysis	8082A		1	240072	05/01/15 22:38	KS	TAL BUF
Total/NA	Prep	3005A			239217	04/28/15 16:36	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	239574	04/29/15 15:43	AMH	TAL BUF
Total/NA	Prep	7470A			239895	05/01/15 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A		1	240038	05/01/15 12:55	LRK	TAL BUF
Total/NA	Prep	Distill/Ammonia			240430	05/04/15 15:41	STD	TAL BUF
Total/NA	Analysis	350.1		1	240768	05/06/15 09:31	STD	TAL BUF
Total/NA	Prep	351.2			239878	05/01/15 04:20	LAW	TAL BUF
Total/NA	Analysis	351.2		20	240064	05/01/15 15:47	CLT	TAL BUF
Total/NA	Analysis	410.4		1	240611	05/05/15 12:10	DLG	TAL BUF
Total/NA	Analysis	SM 2540D		1	239844	04/30/15 20:04	KC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	239989	05/01/15 08:45	MDL	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	239517	04/29/15 14:29	DLG	TAL BUF
Total/NA	Analysis	SM 5210B		1	239474	04/29/15 08:40	MDL	TAL BUF
Total/NA	Analysis	SM 5210B		1	239475	04/29/15 08:40	MDL	TAL BUF

Laboratory References:

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

Certification Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

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

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

Method Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

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
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
350.1	Nitrogen, Ammonia	MCAWW	TAL BUF
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL BUF
410.4	COD	MCAWW	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
SM 4500 P E	Phosphorus	SM	TAL BUF
SM 5210B	BOD, 5-Day	SM	TAL BUF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
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: NYSDEC - Patton's Busy Bee:site #902014

TestAmerica Job ID: 480-79239-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-79239-1	LEACHATE TANK BBT2	Water	04/27/15 12:00	04/28/15 09:00

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: NADEC	Project Manager: Brian Sadowski	Date: 4/28/15	Chain of Custody Number: 284636
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220	Lab Number	Page _____ of _____
City: Buffalo / State: NY / Zip Code: 14203	Site Contact	Lab Contact: B. Fischer	
Project Name and Location (State): Patton's Busy Bee	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	8082A	8081B	8270D	4500, 350, 350	7470A, 6010C	5210B	SM 4500 PH	2540D TPS	8260
Leachate Tank 6&T2	4/27/15	12:00					2						✓								
							2							✓							
							2								✓						
								1								✓					
									1								✓				
							1											✓			
							1												✓		
							1													✓	
										3											✓

480-79239 Chain of Custody

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

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

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Brian P. Sadowski	Date: 4/28/15	Time: 9 A.M.	1. Received By	Date: 4/28/15	Time: 0940
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: 2.5 #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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5/13/2015

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-79239-1

Login Number: 79239
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

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.	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	DEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	