

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

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Tel: (716)691-2600

TestAmerica Job ID: 480-59212-1

Client Project/Site: NYSDEC - Patton's Busy Bee:site #902014

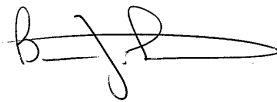
For:

New York State D.E.C.

270 Michigan Avenue

Buffalo, New York 14203

Attn: Mr. Brian Sadowski



Authorized for release by:

5/22/2014 1:16:02 PM

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

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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.



Brian Fischer
Manager of Project Management
5/22/2014 1:16:02 PM



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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: 480-59212-1

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.

GC/MS 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.
*	ISTD response or retention time outside acceptable limits
X	Surrogate is outside control limits

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.
B	Compound was found in the blank and sample.

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 exceeds the control limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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
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: 480-59212-1

Job ID: 480-59212-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-59212-1

Receipt

The samples were received on 5/5/2014 2:43 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

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

GC/MS Semi VOA

Method(s) 8270D: The method blank for preparation batch 480-180544 contained Di-n-butyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: LEACHATE TANK BBT2 (480-59212-1). These results have been reported and qualified.

Method(s) 8270D: Internal standard responses were outside of acceptance limits for the following sample: LEACHATE TANK BBT2 (480-59212-1). The sample shows evidence of matrix interference.

No other analytical or quality issues were noted.

GC Semi VOA

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

Metals

Method(s) 6010C: The Low Level Continuing Calibration Verification (CCVL) contained barium outside the control limits. All reported samples (480-59215-1 SD), (CCVL 480-180840/16), (LCS 480-180266/2-A), (MB 480-180266/1-A), P3S1PWD (480-59215-1) 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.

Method(s) 6010C: The Low Level Continuing Calibration Verification (CCVL) contained sodium outside the control limits. All reported samples (CCVL 480-180840/47), LEACHATE TANK BBT2 (480-59212-1) 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.

Method(s) 6010C: The method blank for batch 180840 contained total iron above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

General Chemistry

Although ammonia result is being reported greater than TKN result, which is contrary to the relationship, both results were reanalyzed and results were confirmed.

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 180422 are reported. (USB 480-180422/1)

Method(s) SM 4500 H+ B: The following sample(s) was received outside of holding time: LEACHATE TANK BBT2 (480-59212-1).

No other analytical or quality issues were noted.

Organic Prep

Case Narrative

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

TestAmerica Job ID: 480-59212-1

Job ID: 480-59212-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

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Client Sample Results

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

TestAmerica Job ID: 480-59212-1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-59212-1

Date Collected: 05/05/14 11:18

Matrix: Water

Date Received: 05/05/14 14:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/09/14 02:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/09/14 02:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/09/14 02:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/09/14 02:44	1
1,1-Dichloroethane	1.5		1.0	0.38	ug/L			05/09/14 02:44	1
1,1-Dichloroethene	0.56	J	1.0	0.29	ug/L			05/09/14 02:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/09/14 02:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/09/14 02:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/09/14 02:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/09/14 02:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/09/14 02:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/09/14 02:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/09/14 02:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/09/14 02:44	1
2-Hexanone	ND		5.0	1.2	ug/L			05/09/14 02:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/09/14 02:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/09/14 02:44	1
Acetone	ND		10	3.0	ug/L			05/09/14 02:44	1
Benzene	ND		1.0	0.41	ug/L			05/09/14 02:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/09/14 02:44	1
Bromoform	ND		1.0	0.26	ug/L			05/09/14 02:44	1
Bromomethane	ND		1.0	0.69	ug/L			05/09/14 02:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/09/14 02:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/09/14 02:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/09/14 02:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/09/14 02:44	1
Chloroethane	ND		1.0	0.32	ug/L			05/09/14 02:44	1
Chloroform	ND		1.0	0.34	ug/L			05/09/14 02:44	1
Chloromethane	ND		1.0	0.35	ug/L			05/09/14 02:44	1
cis-1,2-Dichloroethene	77		1.0	0.81	ug/L			05/09/14 02:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/09/14 02:44	1
Cyclohexane	ND		1.0	0.18	ug/L			05/09/14 02:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/09/14 02:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/09/14 02:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/09/14 02:44	1
Methyl acetate	ND		2.5	0.50	ug/L			05/09/14 02:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/09/14 02:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/09/14 02:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/09/14 02:44	1
Styrene	ND		1.0	0.73	ug/L			05/09/14 02:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/09/14 02:44	1
Toluene	ND		1.0	0.51	ug/L			05/09/14 02:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/09/14 02:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/09/14 02:44	1
Trichloroethene	75		1.0	0.46	ug/L			05/09/14 02:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/09/14 02:44	1
Vinyl chloride	3.7		1.0	0.90	ug/L			05/09/14 02:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/09/14 02:44	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-59212-1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-59212-1

Date Collected: 05/05/14 11:18

Matrix: Water

Date Received: 05/05/14 14:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		05/09/14 02:44	1
Toluene-d8 (Surr)	100		71 - 126		05/09/14 02:44	1
4-Bromofluorobenzene (Surr)	103		73 - 120		05/09/14 02:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.7	0.62	ug/L		05/07/14 07:49	05/09/14 12:23	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		05/07/14 07:49	05/09/14 12:23	1
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		05/07/14 07:49	05/09/14 12:23	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		05/07/14 07:49	05/09/14 12:23	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		05/07/14 07:49	05/09/14 12:23	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		05/07/14 07:49	05/09/14 12:23	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		05/07/14 07:49	05/09/14 12:23	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/07/14 07:49	05/09/14 12:23	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		05/07/14 07:49	05/09/14 12:23	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		05/07/14 07:49	05/09/14 12:23	1
2-Chlorophenol	ND		4.7	0.50	ug/L		05/07/14 07:49	05/09/14 12:23	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		05/07/14 07:49	05/09/14 12:23	1
2-Methylphenol	ND		4.7	0.38	ug/L		05/07/14 07:49	05/09/14 12:23	1
2-Nitroaniline	ND		9.5	0.40	ug/L		05/07/14 07:49	05/09/14 12:23	1
2-Nitrophenol	ND		4.7	0.45	ug/L		05/07/14 07:49	05/09/14 12:23	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		05/07/14 07:49	05/09/14 12:23	1
3-Nitroaniline	ND		9.5	0.45	ug/L		05/07/14 07:49	05/09/14 12:23	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		05/07/14 07:49	05/09/14 12:23	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		05/07/14 07:49	05/09/14 12:23	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		05/07/14 07:49	05/09/14 12:23	1
4-Chloroaniline	ND		4.7	0.56	ug/L		05/07/14 07:49	05/09/14 12:23	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/07/14 07:49	05/09/14 12:23	1
4-Methylphenol	0.38	J	9.5	0.34	ug/L		05/07/14 07:49	05/09/14 12:23	1
4-Nitroaniline	ND		9.5	0.24	ug/L		05/07/14 07:49	05/09/14 12:23	1
4-Nitrophenol	ND		9.5	1.4	ug/L		05/07/14 07:49	05/09/14 12:23	1
Acenaphthene	ND		4.7	0.39	ug/L		05/07/14 07:49	05/09/14 12:23	1
Acenaphthylene	ND		4.7	0.36	ug/L		05/07/14 07:49	05/09/14 12:23	1
Acetophenone	ND		4.7	0.51	ug/L		05/07/14 07:49	05/09/14 12:23	1
Anthracene	ND		4.7	0.27	ug/L		05/07/14 07:49	05/09/14 12:23	1
Atrazine	ND		4.7	0.44	ug/L		05/07/14 07:49	05/09/14 12:23	1
Benzaldehyde	0.43	J	4.7	0.25	ug/L		05/07/14 07:49	05/09/14 12:23	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/07/14 07:49	05/09/14 12:23	1
Benzo(a)pyrene	ND	*	4.7	0.44	ug/L		05/07/14 07:49	05/09/14 12:23	1
Benzo(b)fluoranthene	ND	*	4.7	0.32	ug/L		05/07/14 07:49	05/09/14 12:23	1
Benzo(g,h,i)perylene	ND	*	4.7	0.33	ug/L		05/07/14 07:49	05/09/14 12:23	1
Benzo(k)fluoranthene	ND	*	4.7	0.69	ug/L		05/07/14 07:49	05/09/14 12:23	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/07/14 07:49	05/09/14 12:23	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		05/07/14 07:49	05/09/14 12:23	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		05/07/14 07:49	05/09/14 12:23	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		05/07/14 07:49	05/09/14 12:23	1
Caprolactam	ND		4.7	2.1	ug/L		05/07/14 07:49	05/09/14 12:23	1
Carbazole	ND		4.7	0.28	ug/L		05/07/14 07:49	05/09/14 12:23	1
Chrysene	ND		4.7	0.31	ug/L		05/07/14 07:49	05/09/14 12:23	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		05/07/14 07:49	05/09/14 12:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-59212-1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-59212-1

Date Collected: 05/05/14 11:18

Matrix: Water

Date Received: 05/05/14 14:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		05/07/14 07:49	05/09/14 12:23	1
Dibenz(a,h)anthracene	ND	*	4.7	0.40	ug/L		05/07/14 07:49	05/09/14 12:23	1
Dibenzofuran	ND		9.5	0.48	ug/L		05/07/14 07:49	05/09/14 12:23	1
Diethyl phthalate	ND		4.7	0.21	ug/L		05/07/14 07:49	05/09/14 12:23	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/07/14 07:49	05/09/14 12:23	1
Fluoranthene	ND		4.7	0.38	ug/L		05/07/14 07:49	05/09/14 12:23	1
Fluorene	ND		4.7	0.34	ug/L		05/07/14 07:49	05/09/14 12:23	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		05/07/14 07:49	05/09/14 12:23	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		05/07/14 07:49	05/09/14 12:23	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		05/07/14 07:49	05/09/14 12:23	1
Hexachloroethane	ND		4.7	0.56	ug/L		05/07/14 07:49	05/09/14 12:23	1
Indeno(1,2,3-cd)pyrene	ND	*	4.7	0.44	ug/L		05/07/14 07:49	05/09/14 12:23	1
Isophorone	ND		4.7	0.41	ug/L		05/07/14 07:49	05/09/14 12:23	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		05/07/14 07:49	05/09/14 12:23	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		05/07/14 07:49	05/09/14 12:23	1
Naphthalene	ND		4.7	0.72	ug/L		05/07/14 07:49	05/09/14 12:23	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/07/14 07:49	05/09/14 12:23	1
Pentachlorophenol	ND		9.5	2.1	ug/L		05/07/14 07:49	05/09/14 12:23	1
Phenanthrene	ND		4.7	0.42	ug/L		05/07/14 07:49	05/09/14 12:23	1
Phenol	ND		4.7	0.37	ug/L		05/07/14 07:49	05/09/14 12:23	1
Pyrene	ND		4.7	0.32	ug/L		05/07/14 07:49	05/09/14 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	125		52 - 132	05/07/14 07:49	05/09/14 12:23	1
2-Fluorobiphenyl	94		48 - 120	05/07/14 07:49	05/09/14 12:23	1
2-Fluorophenol	64		20 - 120	05/07/14 07:49	05/09/14 12:23	1
Nitrobenzene-d5	99		46 - 120	05/07/14 07:49	05/09/14 12:23	1
p-Terphenyl-d14	65	X	67 - 150	05/07/14 07:49	05/09/14 12:23	1
Phenol-d5	42		16 - 120	05/07/14 07:49	05/09/14 12:23	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.049	0.0090	ug/L		05/07/14 08:06	05/08/14 17:11	1
4,4'-DDE	0.016	J	0.049	0.011	ug/L		05/07/14 08:06	05/08/14 17:11	1
4,4'-DDT	0.031	J	0.049	0.011	ug/L		05/07/14 08:06	05/08/14 17:11	1
Aldrin	ND		0.049	0.0079	ug/L		05/07/14 08:06	05/08/14 17:11	1
alpha-BHC	ND		0.049	0.0075	ug/L		05/07/14 08:06	05/08/14 17:11	1
alpha-Chlordane	ND		0.049	0.014	ug/L		05/07/14 08:06	05/08/14 17:11	1
beta-BHC	ND		0.049	0.024	ug/L		05/07/14 08:06	05/08/14 17:11	1
delta-BHC	0.013	J B	0.049	0.0098	ug/L		05/07/14 08:06	05/08/14 17:11	1
Dieldrin	ND		0.049	0.0096	ug/L		05/07/14 08:06	05/08/14 17:11	1
Endosulfan I	ND		0.049	0.011	ug/L		05/07/14 08:06	05/08/14 17:11	1
Endosulfan II	0.026	J	0.049	0.012	ug/L		05/07/14 08:06	05/08/14 17:11	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		05/07/14 08:06	05/08/14 17:11	1
Endrin	ND		0.049	0.014	ug/L		05/07/14 08:06	05/08/14 17:11	1
Endrin aldehyde	ND		0.049	0.016	ug/L		05/07/14 08:06	05/08/14 17:11	1
Endrin ketone	ND		0.049	0.012	ug/L		05/07/14 08:06	05/08/14 17:11	1
gamma-BHC (Lindane)	0.013	J B	0.049	0.0078	ug/L		05/07/14 08:06	05/08/14 17:11	1
gamma-Chlordane	0.011	J B	0.049	0.011	ug/L		05/07/14 08:06	05/08/14 17:11	1
Heptachlor	ND		0.049	0.0083	ug/L		05/07/14 08:06	05/08/14 17:11	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-59212-1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-59212-1

Date Collected: 05/05/14 11:18

Matrix: Water

Date Received: 05/05/14 14:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.049	0.0072	ug/L		05/07/14 08:06	05/08/14 17:11	1
Methoxychlor	ND		0.049	0.014	ug/L		05/07/14 08:06	05/08/14 17:11	1
Toxaphene	ND		0.49	0.12	ug/L		05/07/14 08:06	05/08/14 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	34		20 - 120				05/07/14 08:06	05/08/14 17:11	1
Tetrachloro-m-xylene	64		36 - 120				05/07/14 08:06	05/08/14 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		05/07/14 05:34	05/07/14 16:11	1
PCB-1221	ND		0.48	0.17	ug/L		05/07/14 05:34	05/07/14 16:11	1
PCB-1232	ND		0.48	0.17	ug/L		05/07/14 05:34	05/07/14 16:11	1
PCB-1242	ND		0.48	0.17	ug/L		05/07/14 05:34	05/07/14 16:11	1
PCB-1248	ND		0.48	0.17	ug/L		05/07/14 05:34	05/07/14 16:11	1
PCB-1254	ND		0.48	0.24	ug/L		05/07/14 05:34	05/07/14 16:11	1
PCB-1260	ND		0.48	0.24	ug/L		05/07/14 05:34	05/07/14 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 126				05/07/14 05:34	05/07/14 16:11	1
Tetrachloro-m-xylene	85		23 - 127				05/07/14 05:34	05/07/14 16:11	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.13	J	0.20	0.060	mg/L		05/06/14 09:00	05/07/14 17:19	1
Antimony	ND		0.020	0.0068	mg/L		05/06/14 09:00	05/07/14 17:19	1
Arsenic	0.0066	J	0.015	0.0056	mg/L		05/06/14 09:00	05/07/14 17:19	1
Barium	0.19		0.0020	0.00070	mg/L		05/06/14 09:00	05/07/14 17:19	1
Beryllium	ND		0.0020	0.00030	mg/L		05/06/14 09:00	05/07/14 17:19	1
Cadmium	ND		0.0020	0.00050	mg/L		05/06/14 09:00	05/07/14 17:19	1
Calcium	59.8		0.50	0.10	mg/L		05/06/14 09:00	05/07/14 17:19	1
Chromium	ND		0.0040	0.0010	mg/L		05/06/14 09:00	05/07/14 17:19	1
Cobalt	0.0047		0.0040	0.00063	mg/L		05/06/14 09:00	05/07/14 17:19	1
Copper	0.0052	J	0.010	0.0016	mg/L		05/06/14 09:00	05/07/14 17:19	1
Iron	1.4	B	0.050	0.019	mg/L		05/06/14 09:00	05/07/14 17:19	1
Lead	ND		0.010	0.0030	mg/L		05/06/14 09:00	05/07/14 17:19	1
Magnesium	24.8		0.20	0.043	mg/L		05/06/14 09:00	05/07/14 17:19	1
Manganese	3.3		0.0030	0.00040	mg/L		05/06/14 09:00	05/07/14 17:19	1
Nickel	0.0070	J	0.010	0.0013	mg/L		05/06/14 09:00	05/07/14 17:19	1
Potassium	18.1		0.50	0.10	mg/L		05/06/14 09:00	05/07/14 17:19	1
Selenium	ND		0.025	0.0087	mg/L		05/06/14 09:00	05/07/14 17:19	1
Silver	ND		0.0060	0.0017	mg/L		05/06/14 09:00	05/07/14 17:19	1
Sodium	100	^	1.0	0.32	mg/L		05/06/14 09:00	05/07/14 17:19	1
Thallium	ND		0.020	0.010	mg/L		05/06/14 09:00	05/07/14 17:19	1
Vanadium	ND		0.0050	0.0015	mg/L		05/06/14 09:00	05/07/14 17:19	1
Zinc	0.012		0.010	0.0015	mg/L		05/06/14 09:00	05/07/14 17:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/07/14 08:50	05/07/14 14:57	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-59212-1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-59212-1

Date Collected: 05/05/14 11:18

Matrix: Water

Date Received: 05/05/14 14:43

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	18.0		4.0	2.0	mg/L		05/20/14 20:25	05/21/14 16:14	1
Total Kjeldahl Nitrogen	15.4		2.0	1.5	mg/L		05/19/14 16:52	05/20/14 09:51	1
Chemical Oxygen Demand	44.7		10.0	5.0	mg/L			05/07/14 11:00	1
Phosphorus	0.017		0.010	0.0050	mg/L			05/08/14 11:23	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			05/06/14 13:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/06/14 18:51	1
pH	6.79	HF	0.100	0.100	SU			05/05/14 17:45	1

Lab Chronicle

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

TestAmerica Job ID: 480-59212-1

Client Sample ID: LEACHATE TANK BBT2

Lab Sample ID: 480-59212-1

Date Collected: 05/05/14 11:18

Matrix: Water

Date Received: 05/05/14 14:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	181036	05/09/14 02:44	LCH	TAL BUF
Total/NA	Prep	3510C			180544	05/07/14 07:49	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	180972	05/09/14 12:23	HTL	TAL BUF
Total/NA	Prep	3510C			180552	05/07/14 08:06	MCZ	TAL BUF
Total/NA	Analysis	8081B		1	180869	05/08/14 17:11	LMW	TAL BUF
Total/NA	Prep	3510C			180519	05/07/14 05:34	MCZ	TAL BUF
Total/NA	Analysis	8082A		1	180530	05/07/14 16:11	JMM	TAL BUF
Total/NA	Prep	3005A			180266	05/06/14 09:00	EHD	TAL BUF
Total/NA	Analysis	6010C		1	180840	05/07/14 17:19		TAL BUF
Total/NA	Prep	7470A			180538	05/07/14 08:50	LRK	TAL BUF
Total/NA	Analysis	7470A		1	180711	05/07/14 14:57	LRK	TAL BUF
Total/NA	Prep	Distill/Ammonia			183403	05/20/14 20:25	RS	TAL BUF
Total/NA	Analysis	350.1		1	183419	05/21/14 16:14	RS	TAL BUF
Total/NA	Prep	351.2			182911	05/19/14 16:52	CLT	TAL BUF
Total/NA	Analysis	351.2		1	183114	05/20/14 09:51	NCH	TAL BUF
Total/NA	Analysis	410.4		1	180675	05/07/14 11:00	KMF	TAL BUF
Total/NA	Analysis	SM 2540D		1	180453	05/06/14 18:51	KS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	180194	05/05/14 17:45	VAJ	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	180964	05/08/14 11:23	KMF	TAL BUF
Total/NA	Analysis	SM 5210B		1	180422	05/06/14 13:34	JTS	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: 480-59212-1

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	03-31-15

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: 480-59212-1

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: 480-59212-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-59212-1	LEACHATE TANK BBT2	Water	05/05/14 11:18	05/05/14 14:43

1

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes No

Chain of Custody Record

TAL-4124 (1007)

Client: **NYS DEC** Project Manager: **BRIAN SADOWSKI** Chain of Custody Number: **270087**

Address: **270 MICHIGAN AVE** Telephone Number (Area Code)/Fax Number: **716-851-7220** Lab Number: **Page 1 of 1**

City: **BUFFALO** State: **NY** Zip Code: **14203** Site Contact: **B. FISCHER**

Project Name and Location (State): **PATTOI'S Bury Bury** Carrier/Waybill Number: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt								
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH			ZnAc/NaOH							
CULCHATE TANK 6672	5/5/14	1055	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				2					80818	82701	4164502351350	792046010C	52108	SM4500 PH	85401758	8460C	
		1100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				2					<input checked="" type="checkbox"/>								
		1105	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				2					<input checked="" type="checkbox"/>								
		1107	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				2					<input checked="" type="checkbox"/>								
		1110	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				1					<input checked="" type="checkbox"/>								
		1112	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				1					<input checked="" type="checkbox"/>								
		1114	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				1					<input checked="" type="checkbox"/>								
		1116	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				1					<input checked="" type="checkbox"/>								
		1118	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				1					<input checked="" type="checkbox"/>								



480-59212 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 **10 DAYS**

1. Relinquished By: **Dawn Sadowski** Date: **5/5/14** Time: **2:43**

2. Relinquished By: _____ Date: _____ Time: _____

3. Relinquished By: _____ Date: _____ Time: _____

GC Requirements (Specify):

1. Received By: **John TA Buss** Date: **5/5/14** Time: **14:43**

2. Received By: _____ Date: _____ Time: _____

3. Received By: _____ Date: _____ Time: _____

Comments: **#1 3.2**

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



Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-59212-1

Login Number: 59212

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

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