

Analytical Report

Work Order: RTH0958

Project Description

NYSDEC Spills - Patton's Busy Bee: Site #902014

For:

Brian Sadowski

New York State D.E.C. - Buffalo, NY

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Wednesday, September 1, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

TestAmerica Buffalo Current Certifications

As of 08/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA, RCRA	NY200003
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

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Work Order: RTH0958

Project: NYSDEC Spills - Patton's Busy Bee: Site #902014
Project Number: NYSDEC

Received: 08/17/10
Reported: 09/01/10 09:16

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

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TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

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The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to the lab MDL. It must be noted that results reported below lab standard quantitation limits (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

<u>SpecificMethod</u>	<u>Analyte</u>	<u>Units</u>	<u>Client RL</u>	<u>Lab PQL</u>
8270C	4-Methylphenol	ug/L	5.0	10

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DATA QUALIFIERS AND DEFINITIONS

- D08** Dilution required due to high concentration of target analyte(s)
- J** Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
- QSU** Sulfur (EPA 3660) clean-up performed on extract.
- NR** Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

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Project: NYSDEC Spills - Patton's Busy Bee: Site #902014
Project Number: NYSDEC

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTH0958-01 (BBT1-S - Leachate)			Sampled: 08/17/10 12:10				Recvd: 08/17/10 16:20			
<u>Volatile Organic Compounds by EPA 8260B</u>										
4-Methyl-2-pentanone	3.3	J	5.0	2.1	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Acetone	14		10	3.0	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Ethylbenzene	0.92	J	1.0	0.74	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Toluene	3.1		1.0	0.51	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Xylenes, total	2.6		2.0	0.66	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
<u>Semivolatile Organics by GC/MS</u>										
2-Methylphenol	2.7	J	9.4	0.38	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Benzaldehyde	1.5	J	47	0.25	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Carbazole	3.7	J	4.7	0.28	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
<u>Organochlorine Pesticides by EPA Method 8081A</u>										
4,4'-DDE	0.031	J	0.049	0.011	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
beta-BHC	0.099		0.049	0.024	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
delta-BHC	0.068		0.049	0.0098	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Dieldrin	0.014	J	0.049	0.0095	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Endosulfan I	0.053		0.049	0.011	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
<u>Total Metals by SW 846 Series Methods</u>										
Arsenic	0.0114		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Barium	0.695		0.0020	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Calcium	63.0		0.5	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Chromium	0.0697		0.0040	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Cobalt	0.0073		0.0040	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Copper	0.0230		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Iron	12.9		0.050	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Lead	0.0116		0.0050	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Magnesium	45.5		0.200	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Manganese	0.910		0.0030	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Nickel	0.289		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Potassium	72.5		0.500	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Sodium	1460	D08	10.0	NR	mg/L	10.0	08/26/10 19:18	DAN	10H1216	6010B
Vanadium	0.0079		0.0050	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Zinc	0.0235		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B

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Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
BBT1-S	RTH0958-01	Leachate	08/17/10 12:10	08/17/10 16:20	

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Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTH0958-01 (BBT1-S - Leachate)			Sampled: 08/17/10 12:10				Recvd: 08/17/10 16:20			
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,2-Dibromoethane	ND		1.0	0.73	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
2-Butanone	ND		10	1.3	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
4-Methyl-2-pentanone	3.3	J	5.0	2.1	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Acetone	14		10	3.0	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Ethylbenzene	0.92	J	1.0	0.74	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Toluene	3.1		1.0	0.51	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTH0958-01 (BBT1-S - Leachate) - cont.						Sampled: 08/17/10 12:10		Recvd: 08/17/10 16:20		

Volatile Organic Compounds by EPA 8260B - cont.

Xylenes, total	2.6		2.0	0.66	ug/L	1.00	08/20/10 11:09	DHC	10H1406	8260B
1,2-Dichloroethane-d4	96 %		Surr Limits: (66-137%)				08/20/10 11:09	DHC	10H1406	8260B
4-Bromofluorobenzene	85 %		Surr Limits: (73-120%)				08/20/10 11:09	DHC	10H1406	8260B
Toluene-d8	86 %		Surr Limits: (71-126%)				08/20/10 11:09	DHC	10H1406	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		24	0.45	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2,4,6-Trichlorophenol	ND		9.4	0.58	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2,4-Dichlorophenol	ND		9.4	0.48	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2,4-Dimethylphenol	ND		9.4	0.47	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2,4-Dinitrophenol	ND		47	2.1	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2,4-Dinitrotoluene	ND		9.4	0.42	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2,6-Dinitrotoluene	ND		9.4	0.38	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2-Chloronaphthalene	ND		9.4	0.43	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2-Chlorophenol	ND		9.4	0.50	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2-Methylnaphthalene	ND		9.4	0.57	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2-Methylphenol	2.7	J	9.4	0.38	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2-Nitroaniline	ND		47	0.40	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2-Nitrophenol	ND		9.4	0.45	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
3,3'-Dichlorobenzidine	ND		19	0.38	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
3-Nitroaniline	ND		47	0.45	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4,6-Dinitro-2-methylphenol	ND		47	2.1	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4-Bromophenyl phenyl ether	ND		9.4	0.42	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4-Chloro-3-methylphenol	ND		9.4	0.42	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4-Chloroaniline	ND		9.4	0.56	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4-Chlorophenyl phenyl ether	ND		9.4	0.33	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4-Methylphenol	ND		4.7	0.34	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4-Nitroaniline	ND		47	0.24	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
4-Nitrophenol	ND		47	1.4	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Acenaphthene	ND		9.4	0.39	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Acenaphthylene	ND		9.4	0.36	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Anthracene	ND		9.4	0.26	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Atrazine	ND		9.4	0.43	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Benzaldehyde	1.5	J	47	0.25	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Benzo(a)anthracene	ND		9.4	0.34	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Benzo(a)pyrene	ND		9.4	0.44	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Benzo(b)fluoranthene	ND		9.4	0.32	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Benzo(ghi)perylene	ND		9.4	0.33	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Benzo(k)fluoranthene	ND		9.4	0.69	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Biphenyl	ND		9.4	0.62	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Bis(2-chloroethoxy)methane	ND		9.4	0.33	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Bis(2-chloroethyl)ether	ND		9.4	0.38	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
2,2'-Oxybis(1-Chloropropane)	ND		9.4	0.49	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Bis(2-ethylhexyl)phthalate	ND		9.4	1.7	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Butyl benzyl phthalate	ND		9.4	0.40	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C

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Received: 08/17/10
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTH0958-01 (BBT1-S - Leachate) - cont.						Sampled: 08/17/10 12:10		Recvd: 08/17/10 16:20		

Semivolatile Organics by GC/MS - cont.

Caprolactam	ND		9.4	2.1	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Carbazole	3.7	J	4.7	0.28	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Chrysene	ND		9.4	0.31	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Dibenzo(a,h)anthracene	ND		9.4	0.40	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Dibenzofuran	ND		9.4	0.48	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Diethyl phthalate	ND		9.4	0.21	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Dimethyl phthalate	ND		9.4	0.34	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Di-n-butyl phthalate	ND		9.4	0.29	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Di-n-octyl phthalate	ND		9.4	0.44	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Fluoranthene	ND		9.4	0.38	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Fluorene	ND		9.4	0.34	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Hexachlorobenzene	ND		9.4	0.48	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Hexachlorobutadiene	ND		9.4	0.64	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Hexachlorocyclopentadiene	ND		9.4	0.56	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Hexachloroethane	ND		9.4	0.56	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Indeno(1,2,3-cd)pyrene	ND		9.4	0.44	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Isophorone	ND		9.4	0.41	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Naphthalene	ND		9.4	0.72	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Nitrobenzene	ND		9.4	0.27	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
N-Nitrosodi-n-propylamine	ND		9.4	0.51	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
N-Nitrosodiphenylamine	ND		9.4	0.48	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Pentachlorophenol	ND		47	2.1	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Phenanthrene	ND		9.4	0.42	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Phenol	ND		9.4	0.37	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
Pyrene	ND		9.4	0.32	ug/L	1.00	08/20/10 14:39	JLG	10H1246	8270C
<hr/>										
2,4,6-Tribromophenol	108 %		Surr Limits: (52-132%)				08/20/10 14:39	JLG	10H1246	8270C
2-Fluorobiphenyl	70 %		Surr Limits: (48-120%)				08/20/10 14:39	JLG	10H1246	8270C
2-Fluorophenol	52 %		Surr Limits: (20-120%)				08/20/10 14:39	JLG	10H1246	8270C
Nitrobenzene-d5	81 %		Surr Limits: (46-120%)				08/20/10 14:39	JLG	10H1246	8270C
Phenol-d5	42 %		Surr Limits: (16-120%)				08/20/10 14:39	JLG	10H1246	8270C
p-Terphenyl-d14	51 %		Surr Limits: (24-136%)				08/20/10 14:39	JLG	10H1246	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDD	ND		0.049	0.0089	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
4,4'-DDE	0.031	J	0.049	0.011	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
4,4'-DDT	ND		0.049	0.011	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Aldrin	ND		0.049	0.0064	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
alpha-BHC	ND		0.049	0.0064	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
alpha-Chlordane	ND		0.049	0.014	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
beta-BHC	0.099		0.049	0.024	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
delta-BHC	0.068		0.049	0.0098	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Dieldrin	0.014	J	0.049	0.0095	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Endosulfan I	0.053		0.049	0.011	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Endosulfan II	ND		0.049	0.012	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Endosulfan sulfate	ND		0.049	0.015	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Endrin	ND		0.049	0.013	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Endrin aldehyde	ND		0.049	0.016	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Endrin ketone	ND		0.049	0.012	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
gamma-BHC (Lindane)	ND		0.049	0.0058	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A

TestAmerica Buffalo - 10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTH0958

Project: NYSDEC Spills - Patton's Busy Bee: Site #902014
Project Number: NYSDEC

Received: 08/17/10
Reported: 09/01/10 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTH0958-01 (BBT1-S - Leachate) - cont.						Sampled: 08/17/10 12:10		Recvd: 08/17/10 16:20		
<u>Organochlorine Pesticides by EPA Method 8081A - cont.</u>										
gamma-Chlordane	ND		0.049	0.011	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Heptachlor	ND		0.049	0.0083	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Heptachlor epoxide	ND		0.049	0.0051	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Methoxychlor	ND		0.049	0.014	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
Toxaphene	ND		0.49	0.12	ug/L	1.00	08/19/10 09:11	MAN	10H1212	8081A
<i>Decachlorobiphenyl</i>	24 %		<i>Surr Limits: (15-139%)</i>				08/19/10 09:11	MAN	10H1212	8081A
<i>Tetrachloro-m-xylene</i>	55 %		<i>Surr Limits: (30-139%)</i>				08/19/10 09:11	MAN	10H1212	8081A
<u>Polychlorinated Biphenyls by EPA Method 8082</u>										
Aroclor 1016	ND	QSU	0.49	0.17	ug/L	1.00	08/22/10 10:37	JxM	10H1213	8082
Aroclor 1221	ND	QSU	0.49	0.17	ug/L	1.00	08/22/10 10:37	JxM	10H1213	8082
Aroclor 1232	ND	QSU	0.49	0.17	ug/L	1.00	08/22/10 10:37	JxM	10H1213	8082
Aroclor 1242	ND	QSU	0.49	0.17	ug/L	1.00	08/22/10 10:37	JxM	10H1213	8082
Aroclor 1248	ND	QSU	0.49	0.17	ug/L	1.00	08/22/10 10:37	JxM	10H1213	8082
Aroclor 1254	ND	QSU	0.49	0.24	ug/L	1.00	08/22/10 10:37	JxM	10H1213	8082
Aroclor 1260	ND	QSU	0.49	0.24	ug/L	1.00	08/22/10 10:37	JxM	10H1213	8082
<i>Decachlorobiphenyl</i>	19 %	QSU	<i>Surr Limits: (12-137%)</i>				08/22/10 10:37	JxM	10H1213	8082
<i>Tetrachloro-m-xylene</i>	60 %	QSU	<i>Surr Limits: (35-121%)</i>				08/22/10 10:37	JxM	10H1213	8082
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	ND		0.200	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Arsenic	0.0114		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Barium	0.695		0.0020	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Calcium	63.0		0.5	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Chromium	0.0697		0.0040	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Cobalt	0.0073		0.0040	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Copper	0.0230		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Iron	12.9		0.050	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Lead	0.0116		0.0050	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Magnesium	45.5		0.200	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Manganese	0.910		0.0030	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Nickel	0.289		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Potassium	72.5		0.500	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Silver	ND		0.0030	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Sodium	1460	D08	10.0	NR	mg/L	10.0	08/26/10 19:18	DAN	10H1216	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Vanadium	0.0079		0.0050	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Zinc	0.0235		0.0100	NR	mg/L	1.00	08/24/10 14:02	DAN	10H1216	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	08/19/10 16:32	JRK	10H1351	7470A

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTH0958

Received: 08/17/10
Reported: 09/01/10 09:16

Project: NYSDEC Spills - Patton's Busy Bee: Site #902014
Project Number: NYSDEC

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Organochlorine Pesticides by EPA Method 8081A									
8081A	10H1212	RTH0958-01	1,030.00	mL	10.00	mL	08/18/10 08:00	CXM	3510C GC
Polychlorinated Biphenyls by EPA Method 8082									
8082	10H1213	RTH0958-01	1,030.00	mL	10.00	mL	08/18/10 08:00	CXM	3510C GC
Semivolatile Organics by GC/MS									
8270C	10H1246	RTH0958-01	1,060.00	mL	1.00	mL	08/18/10 17:07	LTT	3510C MB
Total Metals by SW 846 Series Methods									
6010B	10H1216	RTH0958-01	50.00	mL	50.00	mL	08/18/10 09:45	JRK	3005A
7470A	10H1351	RTH0958-01	30.00	mL	50.00	mL	08/19/10 15:00	JRK	7470A
Volatile Organic Compounds by EPA 8260B									
8260B	10H1406	RTH0958-01	5.00	mL	5.00	mL	08/20/10 09:55	DHC	5030B MS

Chain of Custody Record

Client Information Client Contact: Brian Sadowski Company: New York State D.E.C. - Buffalo, NY Address: 270 Michigan Avenue Buffalo, NY, 14203 Phone: (716) 851-7220 Project Name: NYSDEC Spills - Patton's Busy Bee: Site #902014 Site: NYSDEC - REGION B REMEDIATION/SPILLS CONTRACT - NY		Sampler: <i>B. Sadowski</i> Lab PM: Brian Fischer E-Mail: Brian.Fischer@testamericainc.com Phone: 716-851-7220		Corner Tracking No(s): COC No: 081020101130_1 Page: 1 Job #:	
Due Date Requested: TAT Requested (Business Days): 10 PO #: RTH0628 W.O.#: NYSDEC Spills - Patton's Busy Bee: Site #902014 Project #: S30098		Parameter(s) Requested Preservation Codes: A=HCl Z=L B=NaOH C=Zn Acetate D=Nitric Acid E=Ice Na=NaOH S=H ₂ SO ₄ V=MCFA Container Codes: A=Amber G=Glass L=Poly/Plastic S=Summa T=Tedlar V=Vial Special Instructions/Note: Total Number of Containers: 10			
Sample Identification Sample ID: <i>BBT1-S</i> Sample Date: <i>8/10</i> Sample Time: <i>1210</i> Sample Type (C=Comp, G=Grab): <i>G</i> Matrix (A=Air, B=Soil, C=Water, D=Sludge, E=Other): <i>W</i> Preserve-Cont Code:		Field Filtered Sample (Yes or No): Perform MS/MSD (Yes or No): PCBs: 2 PESTS: 2 SVOA: 2 TAL Metals Water: 1 VA: 3		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archiving For _____ Months Special Instructions/VOC Requirements	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I, II, III, IV, Other (specify):		Empty V. Relinquished by: <i>Brian Sadowski</i> Date: <i>8/10/10</i> Received by: <i>Brian Sadowski</i> Date/Time: <i>8/10/10 4:25</i> Company:			
Custody Seals Intact: 3. Yes <input type="checkbox"/> No <input type="checkbox"/>		Date/Time: _____ Company: _____ Date/Time: _____ Company: _____ Date/Time: _____ Company: _____ Notes: _____			

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