Woman Owned Business
Aztech Environmental
TECHNOLOGIES
5 McCrea Hill Road • Ballston Spa, New York 12020

August 29, 2017

VIA EMAIL: Joshua.haugh@dec.ny.gov

Mr. Joshua Haugh
New York State Department of Environmental Conservation
Division of Environmental Remediation
1130 North Westcott Road
Schenectady, NY 12306

Re: Revised Natural Gas & Water Line Installation Excavations Work Plan
Tim Bayly Property
800 Broadway, Rensselaer, Rensselaer County, NY
Site Number: C442043

Dear Mr. Haugh:

Aztech Environmental Technologies (Aztech) has prepared this letter to present a work plan for excavations to install natural gas and municipal water service lines to the building at the above referenced site. This work plan supersedes the work plan issued on August 4, 2017. Recent inspection by the property owner's general construction contractor determined that existing conditions required the excavation and installation of new natural gas and municipal water service lines. These tasks were not previously addressed in the Site's Remedial Work Plan (RWP) due to the unknown condition.

The purpose of the work plan is to specify procedures and data collection methods in order to evaluate potential soil impacts and to protect public health by preventing the ingestion, direct contact or inhalation of contaminated soil or contaminants volatilizing from contaminated soil.

During excavation activities all work will be performed in accordance with the site's existing Health and Safety Plan and 29CFR 1910.120. The Health and Safety Plan is presented in Appendix D of the April 7, 2017 Alternatives Analysis Report and Remedial Action Work Plan.

Natural Gas & Water Service Line Installation Excavations

Proposed locations for the natural gas and water line installations are depicted on Figure 1. The excavations are tentatively scheduled to be started on September 7th, 2017. Excavation for the natural gas line installation is not expected to exceed three (3) feet below the existing grade. Excavations for the water line installation is not expected to exceed five (5) feet below grade. Previous subsurface investigations in these areas and depths have indicated that volatile organic compound (VOC) impacts to soil have not been detected during field analysis by photo ionization detector (PID) or by laboratory analysis.

Prior to excavation, the proposed locations will be inspected to determine the presence of underground utilities and other potential obstructions which may affect their installation. Underground utilities will be marked by notifying Dig Safely New York.

Excavations will be performed utilizing a small excavator operated by OSHA 40-hour HAZWOPER trained personnel. All applicable/required permits to perform the work will be obtained by the site's general construction contractor, Wainschaf Associates, Inc. (Wainschaf) of Rensselaer, New York. Concrete sidewalk slabs at the surface will first be wet-cut using a concrete saw and then removed. The excavations will be wetted with water should visible dust become apparent.

Excavations will be supervised and monitored by Aztech personnel. Aztech personnel will document subsurface conditions encountered at each location. Grab soil samples retrieved from various depths during excavations will be field analyzed with a PID to determine the presence of VOCs. Soil exhibiting the presence of VOCs by PID analysis will be segregated and temporarily stockpiled and encapsulated in plastic sheeting prior to disposal. All soil unsuitable for backfill or containing VOCs will be disposed of at the Environmental Soil Management of New York, LLC (ESMI) facility in Fort Edward, New York

Two (2) Community Air Monitoring Plan (CAMP) stations will be set up and operated during the installations in accordance with DoH guidelines and the HASP. One (1) CAMP station will be set upwind of the work zone, the second station will be set downwind of the work zone. Downwind CAMP stations will be set in close proximity to intake vents when working within 20 feet of adjacent occupied buildings. The CAMP stations will continuously monitor and record dust and VOC concentrations at each work location. The CAMP equipment is programmed to sound an alarm should the dust concentration exceed 0.1 mg/m^3 above background and/or the VOC concentration exceeds 1 parts per million (ppm). Should an alarm sound, all work will be suspended until concentrations are reduced. Water may be used to suppress dust depending upon the source. Excess water will be contained and collected.

Soil to be removed from the excavations has been laboratory analyzed for the Town of Colonie Landfill disposal characterization requirements. Laboratory analysis includes: TCLP analysis of VOCs (EPA 8260); TCLP analysis of Semi-VOCs (8270); TCLP analysis of metals (EPA 6010); TCLP analysis of pesticides/herbicides (EPA 8081/8151); total PCBs (EPA 8082); flashpoint (ASTM D93); corrosivity (EPA 9045); reactivity (EPA 7.3.3.2/4.2), and; paint filter (EPA 420.4). Soil was also analyzed for diesel range organics (DRO) and gasoline range organics (GRO) by EPA 8015. No parameters were detected above the laboratory reporting limit or landfill acceptance criteria. Soil disposal analysis reports are attached. The soil will be hauled by a 6NYCRR Part 364 permitted trucking company to the ESMI facility in Fort Edward, New York for disposal.

Excavations will be backfilled with material sourced from the Carver Sand and Gravel, LLC pit located at 49 Button Road, Halfmoon, New York. The backfill material was previously sampled and analyzed per DER-10 requirements on June 6, 2017. Analytical results are attached.

The sidewalk at the water service line location will be restored after backfilling. City of Rensselaer sidewalk specifications require a minimum thickness of four (4) inches of fiber reinforced concrete. As per the RAWP, the area (AOC-1) of the natural gas service line will capped with a minimum of four (4) inches of asphalt.

Information pertaining to the natural gas and water service line installations will be presented in the Final Engineering Report.

If you have any questions or comments please call us at (518)885-5383.

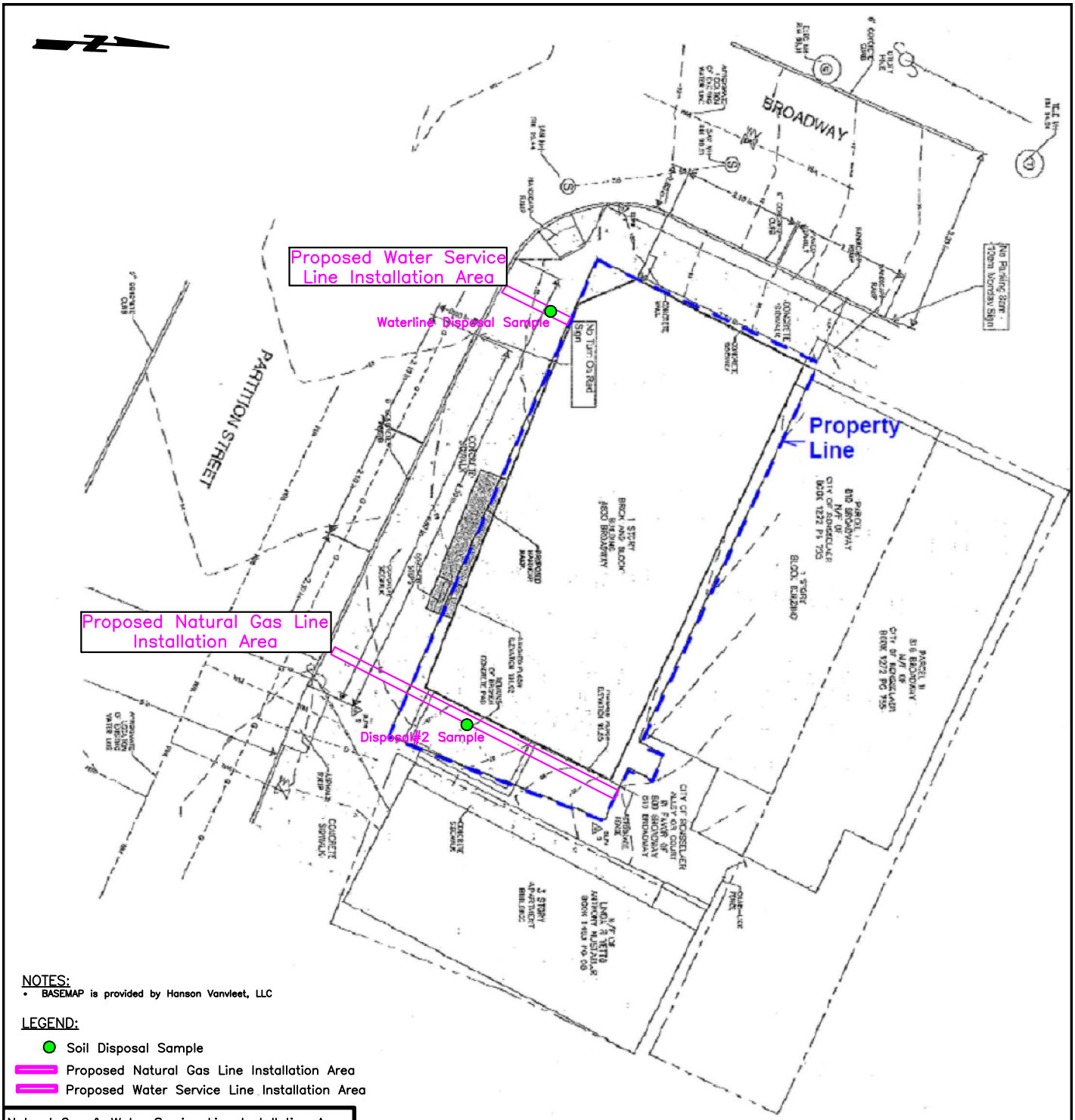
Sincerely,
Aztech Technologies, Inc.

William A. Toran
Sr. Hydrogeologist

Encl
Cc: T. Giamichael – Aztech
R. Hoose – Aztech
T. Bayly
K. VanVleet – Hanson VanVleet
J. Wainmann – Wainschaf
T. Gibson – Wainschaf

Soil Disposal Characterization Laboratory Reports

Clean Backfill Laboratory Report



NOTES:

- BASEMAP is provided by Hanson Vanvleet, LLC

LEGEND:

- Soil Disposal Sample
- Proposed Natural Gas Line Installation Area
- Proposed Water Service Line Installation Area

Natural Gas & Water Service Line Installation Areas

Aztech Environmental
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5 McCrea Hill Road, Ballston Spa, NY 12020
518.885-5383 | aztechenv.com

Natural Gas & Water Service Line Excavations

FIGURE 1

800 Broadway
Rensselaer, New York

NOT TO SCALE

Soil Disposal Characterization Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Wednesday, May 24, 2017

Attn:
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY 12020

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BY21577

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2017

FOR: Attn:
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/15/17	10:50
Location Code:	AZTECHNY	Received by:	SW	05/16/17	16:58
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY21577
Phoenix ID: BY21577

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Silver	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Arsenic	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Barium	1.02	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Cadmium	< 0.050	0.050	mg/L	1	05/17/17	LK	SW6010C	
TCLP Chromium	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Mercury	< 0.0002	0.0002	mg/L	1	05/17/17	RS	SW7470A	
TCLP Lead	1.05	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Selenium	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Metals Digestion	Completed				05/17/17	W/W	SW3005A	
Percent Solid	81		%		05/16/17	Q	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	05/16/17	O	SW846-Corr	1
Flash Point	>200	200	Degree F	1	05/18/17	Y	SW1010A	
Ignitability	Passed	140	degree F	1	05/18/17	Y	SW846-Ignit	1
pH at 25C - Soil	8.73	1.00	pH Units	1	05/16/17 20:06	O	SW9045	1
Reactivity Cyanide	< 6.0	6.0	mg/Kg	1	05/19/17	EG	SW846-ReactCyn	1
Reactivity Sulfide	< 20	20	mg/Kg	1	05/19/17	EG/GD	SW-7.3	1
Reactivity	Negative		Pos/Neg	1	05/19/17	EG/GD	SW846-React	1
Soil Extraction for PCB	Completed				05/16/17	CC/V	SW3545A	
Paint Filter Test	Passed		PASS/FAIL		05/16/17	J	SW9095B	
TCLP Digestion Mercury	Completed				05/17/17	W/W	SW7470A	
TCLP Herbicides Extraction	Completed				05/18/17	I/D	SW8150 MOD	
TCLP Extraction for Metals	Completed				05/16/17	W	SW1311	
TCLP Extraction for Organics	Completed				05/16/17	Z/W	SW1311	
TCLP Pesticides Extraction	Completed				05/18/17	N	SW3510C	
TCLP Semi-Volatile Extraction	Completed				05/18/17	TN	SW3510C	
TCLP Extraction Volatiles	Completed				05/16/17	Y	SW1311	

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #2

Phoenix I.D.: BY21577

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Polychlorinated Biphenyls								
PCB-1016	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1221	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1232	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1242	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1248	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1254	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1260	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1262	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1268	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
QA/QC Surrogates								
% DCBP	86		%	10	05/18/17	AW	30 - 150 %	
% TCMX	88		%	10	05/18/17	AW	30 - 150 %	
TCLP Herbicides								
2,4,5-TP (Silvex)	ND	8.3	ug/L	10	05/19/17	KCA	SW8151A	
2,4-D	ND	17	ug/L	10	05/19/17	KCA	SW8151A	
QA/QC Surrogates								
% DCAA	39		%	10	05/19/17	KCA	30 - 150 %	
TCLP Pesticides								
4,4' -DDD	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
4,4' -DDE	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
4,4' -DDT	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
a-BHC	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Alachlor	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	1
Aldrin	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
b-BHC	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Chlordane	ND	5.0	ug/L	10	05/20/17	KCA	SW8081B	
d-BHC	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Dieldrin	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endosulfan I	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Endosulfan II	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endosulfan Sulfate	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endrin	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endrin Aldehyde	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
g-BHC (Lindane)	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Heptachlor	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Heptachlor epoxide	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Methoxychlor	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Toxaphene	ND	20	ug/L	10	05/20/17	KCA	SW8081B	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	83		%	10	05/20/17	KCA	30 - 150 %	
%TCMX (Surrogate Rec)	81		%	10	05/20/17	KCA	30 - 150 %	
TCLP Volatiles								
1,1-Dichloroethene	ND	25	ug/L	5	05/17/17	HM	SW8260C	
1,2-Dichloroethane	ND	25	ug/L	5	05/17/17	HM	SW8260C	
Benzene	ND	25	ug/L	5	05/17/17	HM	SW8260C	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	25	ug/L	5	05/17/17	HM	SW8260C
Chlorobenzene	ND	25	ug/L	5	05/17/17	HM	SW8260C
Chloroform	ND	25	ug/L	5	05/17/17	HM	SW8260C
Methyl ethyl ketone	ND	25	ug/L	5	05/17/17	HM	SW8260C
Tetrachloroethene	ND	25	ug/L	5	05/17/17	HM	SW8260C
Trichloroethene	ND	25	ug/L	5	05/17/17	HM	SW8260C
Vinyl chloride	ND	25	ug/L	5	05/17/17	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	5	05/17/17	HM	70 - 130 %
% Bromofluorobenzene	99		%	5	05/17/17	HM	70 - 130 %
% Dibromofluoromethane	102		%	5	05/17/17	HM	70 - 130 %
% Toluene-d8	98		%	5	05/17/17	HM	70 - 130 %

TCLP Acid/Base-Neutral

1,4-Dichlorobenzene	ND	83	ug/L	1	05/19/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	83	ug/L	1	05/19/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	83	ug/L	1	05/19/17	DD	SW8270D
2,4-Dinitrotoluene	ND	83	ug/L	1	05/19/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	83	ug/L	1	05/19/17	DD	SW8270D
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	05/19/17	DD	SW8270D
Hexachlorobenzene	ND	83	ug/L	1	05/19/17	DD	SW8270D
Hexachlorobutadiene	ND	83	ug/L	1	05/19/17	DD	SW8270D
Hexachloroethane	ND	83	ug/L	1	05/19/17	DD	SW8270D
Nitrobenzene	ND	83	ug/L	1	05/19/17	DD	SW8270D
Pentachlorophenol	ND	83	ug/L	1	05/19/17	DD	SW8270D
Pyridine	ND	83	ug/L	1	05/19/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	92		%	1	05/19/17	DD	15 - 110 %
% 2-Fluorobiphenyl	93		%	1	05/19/17	DD	30 - 130 %
% 2-Fluorophenol	76		%	1	05/19/17	DD	15 - 110 %
% Nitrobenzene-d5	88		%	1	05/19/17	DD	30 - 130 %
% Phenol-d5	69		%	1	05/19/17	DD	15 - 110 %
% Terphenyl-d14	101		%	1	05/19/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

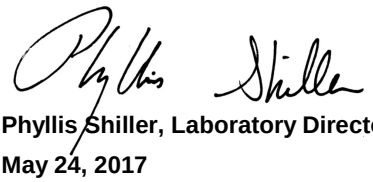
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide.This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
May 24, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 24, 2017

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 386753 (mg/L), QC Sample No: BY21015 (BY21577)													
ICP Metals - TCLP Extraction													
Arsenic	BRL	0.01	<0.01	<0.01	NC	120			112			75 - 125	20
Barium	BRL	0.01	0.56	0.58	3.50	100			95.1			75 - 125	20
Cadmium	BRL	0.005	<0.004	<0.005	NC	112			106			75 - 125	20
Chromium	BRL	0.010	<0.010	<0.010	NC	111			105			75 - 125	20
Lead	BRL	0.010	<0.010	0.010	NC	114			108			75 - 125	20
Selenium	BRL	0.01	<0.04	<0.01	NC	118			111			75 - 125	20
Silver	BRL	0.010	<0.005	<0.010	NC	116			110			75 - 125	20
QA/QC Batch 386758 (mg/L), QC Sample No: BY21392 (BY21577)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	108			96.7			80 - 120	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 24, 2017

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 386734 (PH), QC Sample No: BY20823 (BY21577)													
pH at 25C - Soil			11.1	11.1	0	100						85 - 115	20
QA/QC Batch 387132 (mg/Kg), QC Sample No: BY20823 5X (BY21577)													
Reactivity Cyanide	BRL	0.05	<5.6	<5.5	NC	90.7						85 - 115	30
QA/QC Batch 386957 (Degree F), QC Sample No: BY22083 (BY21577)													
Flash Point			>200	>200	NC	100						85 - 115	30

Comment:

Additional criteria matrix spike acceptance range is 75-125%.

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 24, 2017

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 386662 (ug/Kg), QC Sample No: BY21015 2X (BY21577)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	87	71	20.3	83	65	24.3	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	97	83	15.6	91	76	18.0	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	100	%	103	91	12.4	98	85	14.2	30 - 150	30	
% TCMX (Surrogate Rec)	95	%	100	85	16.2	96	75	24.6	30 - 150	30	
QA/QC Batch 386946 (ug/L), QC Sample No: BY21475 10X (BY21577)											
Chlorinated Herbicides											
2,4,5-TP (Silvex)	ND	2.5	60	62	3.3				40 - 140	20	
2,4-D	ND	5.0	55	55	0.0				40 - 140	20	
% DCAA (Surrogate Rec)	47	%	55	66	18.2				30 - 150	20	
QA/QC Batch 386953 (ug/L), QC Sample No: BY21549 (BY21577 (5X))											
Volatiles - TCLP											
1,1-Dichloroethene	ND	5.0	97	103	6.0	112	108	3.6	70 - 130	30	
1,2-Dichloroethane	ND	0.60	100	101	1.0	114	109	4.5	70 - 130	30	
Benzene	ND	0.70	95	97	2.1	110	106	3.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	103	104	1.0	116	114	1.7	70 - 130	30	
Chlorobenzene	ND	1.0	99	100	1.0	109	108	0.9	70 - 130	30	
Chloroform	ND	5.0	100	100	0.0	111	109	1.8	70 - 130	30	
Methyl ethyl ketone	ND	5.0	103	102	1.0	118	116	1.7	70 - 130	30	
Tetrachloroethene	ND	1.0	98	100	2.0	109	107	1.9	70 - 130	30	
Trichloroethene	ND	5.0	100	101	1.0	109	108	0.9	70 - 130	30	
Vinyl chloride	ND	5.0	84	87	3.5	94	93	1.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	99	1.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	97	%	99	100	1.0	101	101	0.0	70 - 130	30	
% Dibromofluoromethane	102	%	101	100	1.0	99	101	2.0	70 - 130	30	
% Toluene-d8	100	%	98	99	1.0	100	99	1.0	70 - 130	30	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.											
QA/QC Batch 387100 (ug/L), QC Sample No: BY21577 10X (BY21577)											
Pesticides											
4,4' -DDD	ND	0.25	54	100	59.7				40 - 140	20	r
4,4' -DDE	ND	0.25	53	95	56.8				40 - 140	20	r
4,4' -DDT	ND	0.25	54	98	57.9				40 - 140	20	r

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
a-BHC	ND	0.15	51	91	56.3				40 - 140	20	r
Alachlor	ND	0.50	NA	NA	NC				40 - 140	20	
Aldrin	ND	0.15	46	88	62.7				40 - 140	20	r
b-BHC	ND	0.15	56	96	52.6				40 - 140	20	r
Chlordane	ND	5.0	53	96	57.7				40 - 140	20	r
d-BHC	ND	0.50	48	82	52.3				40 - 140	20	r
Dieldrin	ND	0.15	52	95	58.5				40 - 140	20	r
Endosulfan I	ND	0.50	51	97	62.2				40 - 140	20	r
Endosulfan II	ND	0.50	55	98	56.2				40 - 140	20	r
Endosulfan sulfate	ND	0.50	53	94	55.8				40 - 140	20	r
Endrin	ND	0.50	47	85	57.6				40 - 140	20	r
Endrin aldehyde	ND	0.50	57	98	52.9				40 - 140	20	r
g-BHC	ND	0.15	56	97	53.6				40 - 140	20	r
Heptachlor	ND	0.50	51	94	59.3				40 - 140	20	r
Heptachlor epoxide	ND	0.50	53	95	56.8				40 - 140	20	r
Methoxychlor	ND	0.50	53	94	55.8				40 - 140	20	r
Toxaphene	ND	20	NA	NA	NC				40 - 140	20	
% DCBP	79	%	63	91	36.4				30 - 150	20	r
% TCMX	73	%	51	91	56.3				30 - 150	20	r

Comment:

Several of the LCS/LCSD RPDs are above the criteria. Both of the recoveries are within the acceptable range. No significant bias is suspected.
Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 387099 (ug/L), QC Sample No: BY21662 (BY21577)

Semivolatiles

1,4-Dichlorobenzene	ND	17	98	92	6.3				30 - 130	20	
2,4,5-Trichlorophenol	ND	17	117	111	5.3				30 - 130	20	
2,4,6-Trichlorophenol	ND	17	114	106	7.3				30 - 130	20	
2,4-Dinitrotoluene	ND	58	119	114	4.3				30 - 130	20	
2-Methylphenol (o-cresol)	ND	17	99	98	1.0				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	17	108	103	4.7				30 - 130	20	
Hexachlorobenzene	ND	58	108	102	5.7				30 - 130	20	
Hexachlorobutadiene	ND	58	109	106	2.8				30 - 130	20	
Hexachloroethane	ND	58	97	90	7.5				30 - 130	20	
Nitrobenzene	ND	58	104	99	4.9				30 - 130	20	
Pentachlorophenol	ND	58	96	95	1.0				30 - 130	20	
Pyridine	ND	83	59	57	3.4				30 - 130	20	
% 2,4,6-Tribromophenol	87	%	92	87	5.6				15 - 110	20	
% 2-Fluorobiphenyl	86	%	90	86	4.5				30 - 130	20	
% 2-Fluorophenol	76	%	72	69	4.3				15 - 110	20	
% Nitrobenzene-d5	90	%	85	83	2.4				30 - 130	20	
% Phenol-d5	72	%	69	66	4.4				15 - 110	20	
% Terphenyl-d14	99	%	99	96	3.1				30 - 130	20	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
May 24, 2017

Wednesday, May 24, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY21577 - AZTECHNY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

May 24, 2017 SDG I.D.: GBY21577

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM27 05/19/17-1: BY21577

The following Initial Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.096 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.093 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

May 24, 2017

SDG I.D.: GBY21577

The samples in this delivery group were received at 1.9°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.9 °C Pg of

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: K. VanVleet

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Tom Giamichael Date: 5/15/17

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP VOCs 8260	TCLP SVOCs 8270	TCLP Metals 6010	TCLP Pest/Herb 8081/8151	Total PCBs 8082	Flashpoint, corosivity, reactivity, paint filter	VOCS Full list 8260	Svocs Ful list 8270	Soil VOA Vials [ ]methanol [ ] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
21577	Disposal #2	soil	5/15/2017	10:50	X	X	X	X	X	X					1	4						

Relinquished by:	Accepted by:	Date:	Time:
Tom G	Sample Cooler	5/15/17	12:00
		5/16/17	1340
		5/16	3:00
	Caroline	5/16/17	1658

Comments, Special Requirements or Regulations:

If VOC or SVOC samples exceed 20X rule please run TCLP analysis

Call Tom Giamichael to verify 518-337-7635
Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[X] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

State where samples were collected: NY

Data Format
[X] Phoenix Std Report
[ ] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

PHOENIX
Environmental Laboratories, Inc.

Monday, August 28, 2017

Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BY79131

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 28, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RS	08/04/17	12:45
Location Code:	HANSONV	Received by:	B	08/04/17	17:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY79131
Phoenix ID: BY79131

Project ID: TIM BAYLY PROPERTY
Client ID: WATER LINE DISPOSAL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Silver	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Arsenic	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Barium	0.65	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Cadmium	< 0.050	0.050	mg/L	1	08/07/17	LK	SW6010C	
TCLP Chromium	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Mercury	< 0.0002	0.0002	mg/L	1	08/07/17	RS	SW7470A	
TCLP Lead	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Selenium	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Metals Digestion	Completed				08/07/17	Q/Q	SW3005A	
Percent Solid	93		%		08/04/17	Q	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	08/04/17	O	SW846-Corr	1
Flash Point	>200	200	Degree F	1	08/07/17	Y	SW1010A	
Ignitability	Passed	140	degree F	1	08/07/17	Y	SW846-Ignit	1
pH at 25C - Soil	11.3	1.00	pH Units	1	08/04/17 20:28	O	SW9045	1
Reactivity Cyanide	< 5	5	mg/Kg	1	08/08/17	B/O/K	SW846-ReactCyn	1
Reactivity Sulfide	< 20	20	mg/Kg	1	08/09/17	BS/GD	SW-7.3	1
Reactivity	Negative		Pos/Neg	1	08/09/17	BS/GD	SW846-React	1
Soil Extraction for PCB	Completed				08/07/17	BB/V	SW3545A	
Paint Filter Test	Passed		PASS/FAIL		08/04/17	J	SW9095B	
TCLP Digestion Mercury	Completed				08/07/17	Q/Q	SW7470A	
TCLP Herbicides Extraction	Completed				08/11/17	R/D	SW8150 MOD	
TCLP Extraction for Metals	Completed				08/04/17	Q	SW1311	
TCLP Extraction for Organics	Completed				08/10/17	Q	SW1311	
TCLP Pesticides Extraction	Completed				08/07/17	N	SW3510C	
TCLP Semi-Volatile Extraction	Completed				08/07/17	TN	SW3510C	
TCLP Extraction Volatiles	Completed				08/04/17	Y	SW1311	
Extraction of TPH SM	Completed				08/25/17	BC/JCK	SW3545A	

Ver 2

Project ID: TIM BAYLY PROPERTY
Client ID: WATER LINE DISPOSAL

Phoenix I.D.: BY79131

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Gasoline Range Hydrocarbons (C6-C10)								
GRO (C6-C10)	ND	5.4	mg/Kg	50	08/26/17	CG	SW8015D	1
QA/QC Surrogates								
% 2,5-Dibromotoluene (FID)	83		%	50	08/26/17	CG	70 - 130 %	
Polychlorinated Biphenyls								
PCB-1016	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1221	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1232	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1242	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1248	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1254	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1260	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1262	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1268	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
QA/QC Surrogates								
% DCBP	112		%	10	08/08/17	AW	30 - 150 %	
% TCMX	95		%	10	08/08/17	AW	30 - 150 %	
TCLP Herbicides								
2,4,5-TP (Silvex)	ND	8.3	ug/L	10	08/14/17	CW	SW8151A	
2,4-D	ND	17	ug/L	10	08/14/17	CW	SW8151A	
QA/QC Surrogates								
% DCAA	59		%	10	08/14/17	CW	30 - 150 %	
TCLP Pesticides								
4,4' -DDD	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
4,4' -DDE	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
4,4' -DDT	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
a-BHC	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Alachlor	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	1
Aldrin	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
b-BHC	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Chlordane	ND	5.0	ug/L	10	08/08/17	CW	SW8081B	
d-BHC	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Dieldrin	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endosulfan I	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Endosulfan II	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endosulfan Sulfate	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endrin	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endrin Aldehyde	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
g-BHC (Lindane)	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Heptachlor	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Heptachlor epoxide	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Methoxychlor	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Toxaphene	ND	20	ug/L	10	08/08/17	CW	SW8081B	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	88		%	10	08/08/17	CW	30 - 150 %	
%TCMX (Surrogate Rec)	75		%	10	08/08/17	CW	30 - 150 %	

Ver 2

Project ID: TIM BAYLY PROPERTY
Client ID: WATER LINE DISPOSAL

Phoenix I.D.: BY79131

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TPH DRO (C10-C28)							
Diesel Range Organics (C10-C28)	ND	53	mg/Kg	1	08/26/17	JRB	SW8015D DRO
QA/QC Surrogates							
% n-Pentacosane	84		%	1	08/26/17	JRB	50 - 150 %
TCLP Volatiles							
1,1-Dichloroethene	ND	50	ug/L	10	08/07/17	MH	SW8260C
1,2-Dichloroethane	ND	50	ug/L	10	08/07/17	MH	SW8260C
Benzene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Carbon tetrachloride	ND	50	ug/L	10	08/07/17	MH	SW8260C
Chlorobenzene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Chloroform	ND	50	ug/L	10	08/07/17	MH	SW8260C
Methyl ethyl ketone	ND	50	ug/L	10	08/07/17	MH	SW8260C
Tetrachloroethene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Trichloroethene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Vinyl chloride	ND	50	ug/L	10	08/07/17	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	10	08/07/17	MH	70 - 130 %
% Bromofluorobenzene	100		%	10	08/07/17	MH	70 - 130 %
% Dibromofluoromethane	96		%	10	08/07/17	MH	70 - 130 %
% Toluene-d8	104		%	10	08/07/17	MH	70 - 130 %
TCLP Acid/Base-Neutral							
1,4-Dichlorobenzene	ND	83	ug/L	1	08/08/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	83	ug/L	1	08/08/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	83	ug/L	1	08/08/17	DD	SW8270D
2,4-Dinitrotoluene	ND	83	ug/L	1	08/08/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	83	ug/L	1	08/08/17	DD	SW8270D
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	08/08/17	DD	SW8270D
Hexachlorobenzene	ND	83	ug/L	1	08/08/17	DD	SW8270D
Hexachlorobutadiene	ND	83	ug/L	1	08/08/17	DD	SW8270D
Hexachloroethane	ND	83	ug/L	1	08/08/17	DD	SW8270D
Nitrobenzene	ND	83	ug/L	1	08/08/17	DD	SW8270D
Pentachlorophenol	ND	83	ug/L	1	08/08/17	DD	SW8270D
Pyridine	ND	83	ug/L	1	08/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	95		%	1	08/08/17	DD	15 - 110 %
% 2-Fluorobiphenyl	85		%	1	08/08/17	DD	30 - 130 %
% 2-Fluorophenol	79		%	1	08/08/17	DD	15 - 110 %
% Nitrobenzene-d5	98		%	1	08/08/17	DD	30 - 130 %
% Phenol-d5	77		%	1	08/08/17	DD	15 - 110 %
% Terphenyl-d14	97		%	1	08/08/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide.This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

BY79131 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

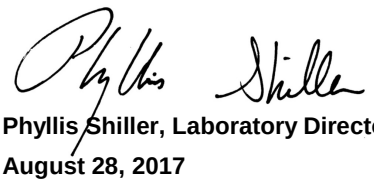
The GRO (C6-C10) is quantitated using an gasoline standard.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

The TPH (C10-C28) is quantitated using an alkane standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.



Phyllis Shiller, Laboratory Director
August 28, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

August 28, 2017

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 396646 (mg/L), QC Sample No: BY78989 (BY79131)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	99.7			101			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 396650 (mg/L), QC Sample No: BY79001 (BY79131)													
ICP Metals - TCLP Extraction													
Arsenic	BRL	0.10	0.10 J	0.05	NC	106			96.8			75 - 125	20
Barium	BRL	0.10	0.49	0.48	NC	101			101			75 - 125	20
Cadmium	BRL	0.050	<0.050	<0.050	NC	101			98.8			75 - 125	20
Chromium	BRL	0.10	<0.10	<0.10	NC	101			98.9			75 - 125	20
Lead	BRL	0.10	0.03 J	<0.10	NC	104			101			75 - 125	20
Selenium	BRL	0.10	<0.10	<0.10	NC	106			94.9			75 - 125	20
Silver	BRL	0.10	<0.10	<0.10	NC	104			97.2			75 - 125	20

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

August 28, 2017

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 396795 (mg/Kg), QC Sample No: BY79020 5X (BY79131)													
Reactivity Cyanide	BRL	0.05	<5	<5.6	NC	98.7						85 - 115	30
QA/QC Batch 396705 (Degree F), QC Sample No: BY79120 (BY79131)													
Flash Point			>200	>200	NC	100						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 396595 (PH), QC Sample No: BY79131 (BY79131)													
pH at 25C - Soil			11.3	11.3	0	100						85 - 115	20

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 28, 2017

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 396778 (ug/L), QC Sample No: BY75515 10X (BY79131)										
Pesticides										
4,4' -DDD	ND	0.25	97	100	3.0				40 - 140	20
4,4' -DDE	ND	0.25	92	93	1.1				40 - 140	20
4,4' -DDT	ND	0.25	102	107	4.8				40 - 140	20
a-BHC	ND	0.15	93	93	0.0				40 - 140	20
Alachlor	ND	0.50	NA	NA	NC				40 - 140	20
Aldrin	ND	0.15	91	92	1.1				40 - 140	20
b-BHC	ND	0.15	87	92	5.6				40 - 140	20
Chlordane	ND	5.0	92	96	4.3				40 - 140	20
d-BHC	ND	0.50	91	94	3.2				40 - 140	20
Dieldrin	ND	0.15	92	96	4.3				40 - 140	20
Endosulfan I	ND	0.50	94	96	2.1				40 - 140	20
Endosulfan II	ND	0.50	94	99	5.2				40 - 140	20
Endosulfan sulfate	ND	0.50	91	95	4.3				40 - 140	20
Endrin	ND	0.50	96	102	6.1				40 - 140	20
Endrin aldehyde	ND	0.50	91	96	5.3				40 - 140	20
g-BHC	ND	0.15	94	95	1.1				40 - 140	20
Heptachlor	ND	0.50	93	95	2.1				40 - 140	20
Heptachlor epoxide	ND	0.50	95	99	4.1				40 - 140	20
Hexachlorobenzene	ND	0.50	75	75	0.0				40 - 140	20
Methoxychlor	ND	0.50	103	112	8.4				40 - 140	20
Toxaphene	ND	20	NA	NA	NC				40 - 140	20
% DCBP	99	%	93	97	4.2				30 - 150	20
% TCMX	86	%	83	80	3.7				30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 396777 (ug/L), QC Sample No: BY75515 (BY79131)

Semivolatiles

1,4-Dichlorobenzene	ND	17	79	76	3.9				30 - 130	20
2,4,5-Trichlorophenol	ND	17	101	97	4.0				30 - 130	20
2,4,6-Trichlorophenol	ND	17	95	93	2.1				30 - 130	20
2,4-Dinitrotoluene	ND	58	106	99	6.8				30 - 130	20
2-Methylphenol (o-cresol)	ND	17	103	97	6.0				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	17	91	89	2.2				30 - 130	20
Hexachlorobenzene	ND	58	99	93	6.3				30 - 130	20
Hexachlorobutadiene	ND	58	90	83	8.1				30 - 130	20
Hexachloroethane	ND	58	75	70	6.9				30 - 130	20
Nitrobenzene	ND	58	92	89	3.3				30 - 130	20
Pentachlorophenol	ND	58	74	87	16.1				30 - 130	20
Pyridine	ND	83	77	64	18.4				30 - 130	20
% 2,4,6-Tribromophenol	95	%	96	99	3.1				15 - 110	20

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 2-Fluorobiphenyl	93	%		89	86	3.4				30 - 130	20
% 2-Fluorophenol	86	%		82	80	2.5				15 - 110	20
% Nitrobenzene-d5	89	%		87	85	2.3				30 - 130	20
% Phenol-d5	76	%		73	75	2.7				15 - 110	20
% Terphenyl-d14	99	%		93	96	3.2				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 396659 (ug/Kg), QC Sample No: BY78825 2X (BY79131)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33		84	83	1.2	75	81	7.7	40 - 140	30
PCB-1221	ND	33								40 - 140	30
PCB-1232	ND	33								40 - 140	30
PCB-1242	ND	33								40 - 140	30
PCB-1248	ND	33								40 - 140	30
PCB-1254	ND	33								40 - 140	30
PCB-1260	ND	33		99	108	8.7	82	89	8.2	40 - 140	30
PCB-1262	ND	33								40 - 140	30
PCB-1268	ND	33								40 - 140	30
% DCBP (Surrogate Rec)	105	%		108	117	8.0	92	98	6.3	30 - 150	30
% TCMX (Surrogate Rec)	78	%		86	87	1.2	79	84	6.1	30 - 150	30

QA/QC Batch 397351 (ug/L), QC Sample No: BY79131 10X (BY79131)

Chlorinated Herbicides

2,4,5-TP (Silvex)	ND	8.3		93	97	4.2				40 - 140	20
2,4-D	ND	17		78	80	2.5				40 - 140	20
% DCAA (Surrogate Rec)	60	%		62	70	12.1				30 - 150	20

QA/QC Batch 396863 (ug/L), QC Sample No: BY79140 (BY79131 (10X))

Volatiles - TCLP

1,1-Dichloroethene	ND	5.0		95	92	3.2				70 - 130	30
1,2-Dichloroethane	ND	0.60		94	93	1.1				70 - 130	30
Benzene	ND	0.70		92	92	0.0				70 - 130	30
Carbon tetrachloride	ND	5.0		103	101	2.0				70 - 130	30
Chlorobenzene	ND	1.0		90	88	2.2				70 - 130	30
Chloroform	ND	5.0		94	92	2.2				70 - 130	30
Methyl ethyl ketone	ND	5.0		108	110	1.8				70 - 130	30
Tetrachloroethene	ND	1.0		93	92	1.1				70 - 130	30
Trichloroethene	ND	5.0		92	91	1.1				70 - 130	30
Vinyl chloride	ND	5.0		114	110	3.6				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%		100	100	0.0				70 - 130	30
% Bromofluorobenzene	98	%		103	102	1.0				70 - 130	30
% Dibromofluoromethane	99	%		97	98	1.0				70 - 130	30
% Toluene-d8	101	%		102	102	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 399286 (mg/Kg), QC Sample No: BY90288 (BY79131)

TPH by GC (Extractable Products) - Soil

Ext. Petroleum HC	ND	50		78	88	12.0	93	95	2.1	30 - 130	30

QA/QC Data

SDG I.D.: GBY79131

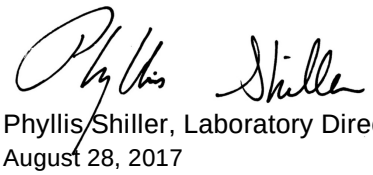
Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% n-Pentacosane	77	%		72	79	9.3	83	86	3.6	50 - 150	30

Comment:

Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
August 28, 2017

Monday, August 28, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY79131 - HANSONV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

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Analysis Comments

August 28, 2017 SDG I.D.: GBY79131

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

ETPH Narration

AU-FID21 08/25/17-1: BY79131

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: BY79131
Preceding CC 825A023 - DRO (C10-C28) 91%L (30%)
Succeeding CC 825A034 - None.

The ETPH method allows for one discrimination check standard outlier.

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NY Temperature Narration

August 28, 2017

SDG I.D.: GBY79131

The samples in this delivery group were received at 3.5°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 3.5 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: Hansen VanVleet, LLC

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: R-Stroud Date: 8/4/17

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP VOCs 8260	TCLP SVOCs 8270	TCLP Metals 6010	TCLP Pest/Herb 8081/8151	Total PCBs 8082	Flashpoint, corosivity, reactivity, paint filter	VOCS Full list 8260	Svocs Ful list 8270	Soil VOA Vials [ ]methanol [ ] H2O	GL Soil container (4)oz	GL Soil container (8)oz	40 ml VOA Vial [ ]As is [ ]HCl	GL Amber 1000ml [ ]As is [ ]H2SO4	PL As is [ ]250ml [ ]500ml [ ]1000ml	PL H2SO4 [ ]250ml [ ]500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
79131	Water Line Disposal	soil	8/4/2017	12:45	X	X	X	X	X	X						1	3					

Relinquished by:	Accepted by:	Date:	Time:
B. Stroud		4 August 2017	1330
		8/4/17	1730
		8/4/17	1737

Comments, Special Requirements or Regulations:

If VOC or SVOC samples exceed 20X rule please run TCLP analysis

Call Tom Giamichael to verify 518-337-7635
Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[X] Phoenix Std Report
[ ] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

Bobbi Aloisa

From: Buddy Beames <buddy.phoenixlabs@twc.com>
Sent: Friday, August 25, 2017 2:00 PM
To: Bobbi Aloisa
Subject: FW: Water Line Sample Results-Tim Bayly
Attachments: 00085a62.pdf; T Bayly Disposal Characterization Surface Soil Analysis Report.pdf

Can you see if we have sample please to run?
Thank you,

Clarence (Buddy) Beames
Regional Sales Manager
Phoenix Environmental Laboratories, Inc.
Ph: (518) 232-2420
Fax: (518) 792-0033

From: Phoenix NewYork [mailto:phoenixny@phoenixlabs.com]
Sent: Friday, August 25, 2017 1:44 PM
To: Buddy Beames <buddy.phoenixlabs@twc.com>
Subject: FW: Water Line Sample Results-Tim Bayly

From: Bill Toran [mailto:btoran@aztechenv.com]
Sent: Friday, August 25, 2017 12:13 PM
To: Phoenix NewYork
Cc: Tommy Giamichael; Kirby VanVleet
Subject: FW: Water Line Sample Results-Tim Bayly

Buddy/Greg,
See below. My original email to Buddy got kicked back.

Bill Toran
Aztech Environmental Technologies

Please note our new company name and e-mail address.

From: Bill Toran
Sent: Friday, August 25, 2017 12:10 PM
To: 'Buddy Beames' <buddy.phoenixlabs@verizon.net>
Cc: Tommy Giamichael <tgiamichael@aztechenv.com>; 'Kirby VanVleet' <kvanvleet@hansonvanvleet.com>
Subject: FW: Water Line Sample Results-Tim Bayly

Hi Buddy,
Any chance the samples (or usable data) from the 2 attached reports is available for a DRO & GRO analysis?
If so, can we have those run? I realize they're likely out of holding time.
Kirby VanVleet is copied on this in case you need his approval.
Thanks,

Bill Toran
Aztech Environmental Technologies

Please note our new company name and e-mail address.

From: Kirby Van Vleet [mailto:kvanvleet@hansonvanvleet.com]
Sent: Tuesday, August 15, 2017 4:45 PM
To: Bill Toran <btoran@aztechenv.com>; Tommy Giamichael <tgiamichael@aztechenv.com>
Subject: Water Line Sample Results-Tim Bayly

Attached are the results from Phoenix. I didn't look at them yet.
Kirby

Kirby Van Vleet
Vice President/Senior Hydrogeologist

Hanson Van Vleet, LLC
902 Route 146
Clifton Park, NY 12065
Phone: (518) 371-7940
Fax: (518) 371-5885
Cell: (518) 577-5291
E-Mail: kvanvleet@hansonvanvleet.com
www.hansonvanvleet.com

Clean Backfill Laboratory Report

PHOENIX
Environmental Laboratories, Inc.

Friday, June 09, 2017

Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BY35333

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

June 09, 2017

SDG I.D.: GBY35333

BY35333 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/06/17	13:00
Location Code:	HANSONV	Received by:	SW	06/07/17	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY35333
Phoenix ID: BY35333

Project ID: TIM BAYLY PROPERTY
Client ID: ITEM 4-CARVER

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Aluminum	8400	52	mg/Kg	10	06/08/17	LK	SW6010C	
Antimony	< 3.5	3.5	mg/Kg	1	06/08/17	LK	SW6010C	
Arsenic	3.73	0.70	mg/Kg	1	06/08/17	LK	SW6010C	
Barium	37.1	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Beryllium	0.65	0.28	mg/Kg	1	06/08/17	LK	SW6010C	
Calcium	16300	52	mg/Kg	10	06/08/17	LK	SW6010C	B
Cadmium	0.56	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Chromium	11.0	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Cobalt	8.45	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Copper	22.8	0.35	mg/kg	1	06/08/17	LK	SW6010C	
Iron	22000	52	mg/Kg	10	06/08/17	LK	SW6010C	B
Lead	17.2	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Magnesium	6150	52	mg/Kg	10	06/08/17	LK	SW6010C	
Manganese	492	3.5	mg/Kg	10	06/08/17	LK	SW6010C	
Mercury	< 0.03	0.03	mg/Kg	1	06/08/17	RS	SW7471B	
Nickel	17.2	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Potassium	1430	5.2	mg/Kg	1	06/08/17	LK	SW6010C	
Selenium	< 1.4	1.4	mg/Kg	1	06/08/17	LK	SW6010C	
Silver	< 0.35	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Sodium	73.0	5.2	mg/Kg	1	06/08/17	LK	SW6010C	
Thallium	< 3.1	3.1	mg/Kg	1	06/08/17	LK	SW6010C	
Vanadium	14.9	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Zinc	51.2	0.35	mg/Kg	1	06/08/17	LK	SW6010C	
Percent Solid	91		%		06/07/17	Q	SW846-%Solid	
Chromium, Hex. (SW3060 digestion)	< 0.44	0.44	mg/Kg	1	06/08/17	KDB	SW7196A	
pH at 25C - Soil	8.89	1.00	pH Units	1	06/07/17 19:12	O	SW9045	1
Redox Potential	227		mV	1	06/07/17	O	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.50	0.50	mg/Kg	1	06/08/17	O/GD	SW9012B	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: ITEM 4-CARVER

Phoenix I.D.: BY35333

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for PCB	Completed				06/07/17	BJ/V	SW3545A
Soil Extraction for Pest	Completed				06/07/17	BJ/V	SW3545A
Soil Extraction for SVOA	Completed				06/07/17	JJ/CKV	SW3545A
Mercury Digestion	Completed				06/08/17	W/W	SW7471B
Soil Extraction for Herbicide	Completed				06/07/17	DR/Z/D	SW8151A
Total Metals Digest	Completed				06/07/17	L/AG	SW3050B
Field Extraction	Completed				06/06/17		SW5035A
Chlorinated Herbicides							
2,4,5-T	ND	91	ug/Kg	10	06/08/17	CW	SW8151A
2,4,5-TP (Silvex)	ND	91	ug/Kg	10	06/08/17	CW	SW8151A
2,4-D	ND	180	ug/Kg	10	06/08/17	CW	SW8151A
2,4-DB	ND	1800	ug/Kg	10	06/08/17	CW	SW8151A
Dalapon	ND	91	ug/Kg	10	06/08/17	CW	SW8151A
Dicamba	ND	91	ug/Kg	10	06/08/17	CW	SW8151A
Dichloroprop	ND	180	ug/Kg	10	06/08/17	CW	SW8151A
Dinoseb	ND	180	ug/Kg	10	06/08/17	CW	SW8151A
QA/QC Surrogates							
% DCAA	65		%	10	06/08/17	CW	30 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1221	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1232	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1242	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1248	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1254	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1260	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1262	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
PCB-1268	ND	370	ug/Kg	10	06/08/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	103		%	10	06/08/17	AW	30 - 150 %
% TCMX	88		%	10	06/08/17	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.2	ug/Kg	2	06/09/17	CW	SW8081B
4,4' -DDE	ND	2.2	ug/Kg	2	06/09/17	CW	SW8081B
4,4' -DDT	ND	2.2	ug/Kg	2	06/09/17	CW	SW8081B
a-BHC	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B
a-Chlordane	ND	3.7	ug/Kg	2	06/09/17	CW	SW8081B
Aldrin	ND	3.7	ug/Kg	2	06/09/17	CW	SW8081B
b-BHC	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B
Chlordane	ND	37	ug/Kg	2	06/09/17	CW	SW8081B
d-BHC	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B
Dieldrin	ND	3.7	ug/Kg	2	06/09/17	CW	SW8081B
Endosulfan I	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B
Endosulfan II	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B
Endosulfan sulfate	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B
Endrin	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B
Endrin aldehyde	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Endrin ketone	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B	
g-BHC	ND	1.5	ug/Kg	2	06/09/17	CW	SW8081B	
g-Chlordane	ND	3.7	ug/Kg	2	06/09/17	CW	SW8081B	
Heptachlor	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B	
Heptachlor epoxide	ND	7.3	ug/Kg	2	06/09/17	CW	SW8081B	
Methoxychlor	ND	37	ug/Kg	2	06/09/17	CW	SW8081B	
Toxaphene	ND	150	ug/Kg	2	06/09/17	CW	SW8081B	
QA/QC Surrogates								
% DCBP	73		%	2	06/09/17	CW	30 - 150 %	
% TCMX	56		%	2	06/09/17	CW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
2-Chlorotoluene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
2-Hexanone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	1
4-Chlorotoluene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Acetone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Benzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromobenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromochloromethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromodichloromethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromoform	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromomethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon Disulfide	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon tetrachloride	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Chlorobenzene	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroethane	ND	5.5	ug/Kg	1	06/08/17	JLI	SW8260C	

Project ID: TIM BAYLY PROPERTY
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Phoenix I.D.: BY35333

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloromethane	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromochloromethane	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromomethane	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Ethylbenzene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Hexachlorobutadiene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Isopropylbenzene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
m&p-Xylene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND		27	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	ug/Kg	1	06/08/17	JLI	SW8260C	
Methylene chloride	14	S	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Naphthalene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Butylbenzene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Propylbenzene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
o-Xylene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
p-Isopropyltoluene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
sec-Butylbenzene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Styrene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
tert-Butylbenzene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrachloroethene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		11	ug/Kg	1	06/08/17	JLI	SW8260C	1
Toluene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Total Xylenes	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		11	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichloroethene	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorofluoromethane	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
Vinyl chloride	ND		5.5	ug/Kg	1	06/08/17	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104			%	1	06/08/17	JLI	70 - 130 %	
% Bromofluorobenzene	88			%	1	06/08/17	JLI	70 - 130 %	
% Dibromofluoromethane	106			%	1	06/08/17	JLI	70 - 130 %	
% Toluene-d8	99			%	1	06/08/17	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Dichlorobenzene	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND		360	ug/Kg	1	06/08/17	DD	SW8270D	
1,3-Dichlorobenzene	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
1,4-Dichlorobenzene	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dichlorophenol	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dimethylphenol	ND		250	ug/Kg	1	06/08/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: ITEM 4-CARVER

Phoenix I.D.: BY35333

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrophenol	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chloronaphthalene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chlorophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylnaphthalene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitroaniline	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitrophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
3-Nitroaniline	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloroaniline	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitroaniline	ND	580	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitrophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthylene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Acetophenone	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Aniline	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
Anthracene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benz(a)anthracene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzidine	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(a)pyrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(ghi)perylene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzoic acid	ND	720	ug/Kg	1	06/08/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Carbazole	ND	360	ug/Kg	1	06/08/17	DD	SW8270D	
Chrysene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Dibenzofuran	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Diethyl phthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Dimethylphthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Di-n-butylphthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Di-n-octylphthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Fluoranthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Fluorene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Hexachlorobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Hexachlorobutadiene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hexachloroethane	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Isophorone	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Nitrobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodimethylamine	ND	360	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	360	ug/Kg	1	06/08/17	DD	SW8270D
Pentachloronitrobenzene	ND	360	ug/Kg	1	06/08/17	DD	SW8270D
Pentachlorophenol	ND	360	ug/Kg	1	06/08/17	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Phenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Pyridine	ND	360	ug/Kg	1	06/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	60		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorobiphenyl	66		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorophenol	54		%	1	06/08/17	DD	30 - 130 %
% Nitrobenzene-d5	57		%	1	06/08/17	DD	30 - 130 %
% Phenol-d5	56		%	1	06/08/17	DD	30 - 130 %
% Terphenyl-d14	76		%	1	06/08/17	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 09, 2017

QA/QC Data

SDG I.D.: GBY35333

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 389116 (mg/kg), QC Sample No: BY34570 (BY35333)														
ICP Metals - Soil														
Aluminum	BRL	5.0	9670	10100	4.40	93.4			NC			75 - 125	30	
Antimony	BRL	3.3	<4.1	<4.3	NC	93.4			84.6			75 - 125	30	
Arsenic	BRL	0.67	3.83	4.15	NC	93.0			90.8			75 - 125	30	
Barium	BRL	0.33	54.2	57.3	5.60	104			99.1			75 - 125	30	
Beryllium	BRL	0.27	0.42	0.40	NC	101			91.7			75 - 125	30	
Cadmium	BRL	0.33	<0.41	<0.43	NC	101			87.6			75 - 125	30	
Calcium	8.7	5.0	104000	115000	10.0	92.3			NC			75 - 125	30	
Chromium	BRL	0.33	20.3	23.4	14.2	108			93.8			75 - 125	30	
Cobalt	BRL	0.33	3.86	3.71	4.00	106			91.0			75 - 125	30	
Copper	BRL	0.33	15.7	15.7	0	108			106			75 - 125	30	
Iron	5.1	5.0	9320	9690	3.90	96.7			NC			75 - 125	30	
Lead	BRL	0.33	15.8	16.6	4.90	99.4			96.6			75 - 125	30	
Magnesium	BRL	5.0	7020	6670	5.10	101			NC			75 - 125	30	
Manganese	BRL	0.33	145	148	2.00	110			94.7			75 - 125	30	
Nickel	BRL	0.33	8.93	9.26	3.60	109			88.8			75 - 125	30	
Potassium	BRL	5.0	370	387	4.50	93.8			104			75 - 125	30	
Selenium	BRL	1.3	<1.6	<1.7	NC	78.8			75.2			75 - 125	30	
Silver	BRL	0.33	<0.41	<0.43	NC	98.1			101			75 - 125	30	
Sodium	BRL	5.0	315	265	17.2	99.3			107			75 - 125	30	
Thallium	BRL	3.0	<3.7	<3.9	NC	102			97.0			75 - 125	30	
Vanadium	BRL	0.33	21.4	20.6	3.80	108			95.9			75 - 125	30	
Zinc	BRL	0.33	34.6	37.6	8.30	98.1			90.4			75 - 125	30	
QA/QC Batch 389172 (mg/kg), QC Sample No: BY34570 (BY35333)														
Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	103	97.0	6.0	95.6			70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 389168 (mg/kg), QC Sample No: BY34627 40X (BY35333)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.44	<0.44	NC	99.7						85 - 115	30	
Chromium, Hexavalent (Ins)						93.9			90.2			85 - 115	30	
Chromium, Hexavalent (Sol)						94.5			71.0			85 - 115	30	m
Comment:														
The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.														

m = This parameter is outside laboratory MS/MSD specified recovery limits.

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

June 09, 2017

QA/QC Data

SDG I.D.: GBY35333

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 389115 (mg/Kg), QC Sample No: BY33402 50X (BY35333)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.57	<0.57	NC	97.9			104			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 389127 (PH), QC Sample No: BY34323 (BY35333)													
pH at 25C - Soil			6.82	6.82	0	100						85 - 115	20

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 09, 2017

QA/QC Data

SDG I.D.: GBY35333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 389107 (ug/Kg), QC Sample No: BY33627 10X (BY35333)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	83	67	68	1.5	66	64	3.1	40 - 140	30	
2,4,5-TP (Silvex)	ND	83	71	71	0.0	72	70	2.8	40 - 140	30	
2,4-D	ND	170	68	68	0.0	65	63	3.1	40 - 140	30	
2,4-DB	ND	1700	67	68	1.5	67	73	8.6	40 - 140	30	
Dalapon	ND	83	51	41	21.7	42	31	30.1	40 - 140	30	
Dicamba	ND	83	72	80	10.5	70	66	5.9	40 - 140	30	
Dichloroprop	ND	170	80	85	6.1	79	75	5.2	40 - 140	30	
Dinoseb	ND	170	64	65	1.6	72	68	5.7	40 - 140	30	
% DCAA (Surrogate Rec)	56	%	66	65	1.5	66	66	0.0	30 - 150	30	
QA/QC Batch 389207 (ug/kg), QC Sample No: BY34292 (BY35333)											
Volatiles - Soil											
1,1,1,2-Tetrachloroethane	ND	5.0	105	111	5.6	106	102	3.8	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	100	102	2.0	99	99	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	111	112	0.9	105	115	9.1	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	101	101	0.0	95	90	5.4	70 - 130	30	
1,1-Dichloroethane	ND	5.0	99	102	3.0	100	101	1.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	105	107	1.9	107	106	0.9	70 - 130	30	
1,1-Dichloropropene	ND	5.0	103	108	4.7	106	103	2.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	101	107	5.8	107	56	62.6	70 - 130	30	m,r
1,2,3-Trichloropropane	ND	5.0	109	107	1.9	102	118	14.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	98	109	10.6	111	67	49.4	70 - 130	30	m,r
1,2,4-Trimethylbenzene	ND	1.0	106	113	6.4	110	NC	NC	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	110	113	2.7	104	103	1.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	106	108	1.9	101	98	3.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	105	110	4.7	107	91	16.2	70 - 130	30	
1,2-Dichloroethane	ND	5.0	98	101	3.0	98	94	4.2	70 - 130	30	
1,2-Dichloropropane	ND	5.0	101	104	2.9	102	99	3.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	109	114	4.5	112	104	7.4	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	105	112	6.5	108	103	4.7	70 - 130	30	
1,3-Dichloropropane	ND	5.0	103	105	1.9	101	100	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	102	108	5.7	107	99	7.8	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	110	6.6	102	103	1.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	110	116	5.3	112	124	10.2	70 - 130	30	
2-Hexanone	ND	25	105	104	1.0	93	46	67.6	70 - 130	30	m,r
2-Isopropyltoluene	ND	5.0	113	118	4.3	116	121	4.2	70 - 130	30	
4-Chlorotoluene	ND	5.0	107	113	5.5	110	116	5.3	70 - 130	30	
4-Methyl-2-pentanone	ND	25	106	104	1.9	96	73	27.2	70 - 130	30	
Acetone	ND	10	79	76	3.9	82	65	23.1	70 - 130	30	m
Acrylonitrile	ND	5.0	105	105	0.0	99	66	40.0	70 - 130	30	m,r
Benzene	ND	1.0	100	103	3.0	102	99	3.0	70 - 130	30	
Bromobenzene	ND	5.0	109	112	2.7	109	116	6.2	70 - 130	30	

QA/QC Data

SDG I.D.: GBY35333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromochloromethane	ND	5.0	103	105	1.9	101	98	3.0	70 - 130	30	
Bromodichloromethane	ND	5.0	99	101	2.0	97	93	4.2	70 - 130	30	
Bromoform	ND	5.0	107	110	2.8	99	86	14.1	70 - 130	30	
Bromomethane	ND	5.0	95	97	2.1	66	67	1.5	70 - 130	30	m
Carbon Disulfide	ND	5.0	107	110	2.8	108	103	4.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	100	102	2.0	96	98	2.1	70 - 130	30	
Chlorobenzene	ND	5.0	102	107	4.8	104	98	5.9	70 - 130	30	
Chloroethane	ND	5.0	97	98	1.0	28	97	110.4	70 - 130	30	m,r
Chloroform	ND	5.0	97	98	1.0	96	96	0.0	70 - 130	30	
Chloromethane	ND	5.0	87	89	2.3	86	82	4.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	101	102	1.0	100	99	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	105	108	2.8	100	86	15.1	70 - 130	30	
Dibromochloromethane	ND	3.0	109	110	0.9	103	101	2.0	70 - 130	30	
Dibromomethane	ND	5.0	100	102	2.0	95	94	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	99	99	0.0	94	96	2.1	70 - 130	30	
Ethylbenzene	ND	1.0	105	108	2.8	107	102	4.8	70 - 130	30	
Hexachlorobutadiene	ND	5.0	104	107	2.8	109	70	43.6	70 - 130	30	r
Isopropylbenzene	ND	1.0	116	120	3.4	115	133	14.5	70 - 130	30	m
m&p-Xylene	ND	2.0	105	109	3.7	108	93	14.9	70 - 130	30	
Methyl ethyl ketone	ND	5.0	97	95	2.1	88	66	28.6	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	126	126	0.0	125	127	1.6	70 - 130	30	
Methylene chloride	ND	5.0	91	93	2.2	93	91	2.2	70 - 130	30	
Naphthalene	ND	5.0	108	114	5.4	114	20	140.3	70 - 130	30	m,r
n-Butylbenzene	ND	1.0	106	112	5.5	113	100	12.2	70 - 130	30	
n-Propylbenzene	ND	1.0	110	115	4.4	113	117	3.5	70 - 130	30	
o-Xylene	ND	2.0	110	113	2.7	111	100	10.4	70 - 130	30	
p-Isopropyltoluene	ND	1.0	111	117	5.3	115	130	12.2	70 - 130	30	
sec-Butylbenzene	ND	1.0	115	119	3.4	117	111	5.3	70 - 130	30	
Styrene	ND	5.0	106	110	3.7	109	86	23.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	113	117	3.5	113	126	10.9	70 - 130	30	
Tetrachloroethene	ND	5.0	101	106	4.8	101	97	4.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	102	98	4.0	90	93	3.3	70 - 130	30	
Toluene	ND	1.0	99	102	3.0	99	95	4.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	101	104	2.9	104	102	1.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	103	105	1.9	96	84	13.3	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	122	121	0.8	106	89	17.4	70 - 130	30	
Trichloroethene	ND	5.0	102	106	3.8	101	100	1.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	86	87	1.2	30	86	96.6	70 - 130	30	m,r
Trichlorotrifluoroethane	ND	5.0	108	110	1.8	112	109	2.7	70 - 130	30	
Vinyl chloride	ND	5.0	95	95	0.0	92	95	3.2	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	99	1.0	101	96	5.1	70 - 130	30	
% Bromofluorobenzene	90	%	95	94	1.1	94	88	6.6	70 - 130	30	
% Dibromofluoromethane	103	%	98	99	1.0	96	97	1.0	70 - 130	30	
% Toluene-d8	99	%	98	97	1.0	96	96	0.0	70 - 130	30	

Comment:

The MSD is not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 389043 (ug/Kg), QC Sample No: BY34542 2X (BY35333)

Pesticides - Soil

4,4' -DDD	ND	1.7	97	107	9.8	75	79	5.2	40 - 140	30	
4,4' -DDE	ND	1.7	92	102	10.3	71	74	4.1	40 - 140	30	
4,4' -DDT	ND	1.7	94	101	7.2	71	73	2.8	40 - 140	30	

QA/QC Data

SDG I.D.: GBY35333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
a-BHC	ND	1.0	90	98	8.5	64	67	4.6	40 - 140	30	
a-Chlordane	ND	3.3	85	93	9.0	64	67	4.6	40 - 140	30	
Aldrin	ND	1.0	92	100	8.3	67	69	2.9	40 - 140	30	
b-BHC	ND	1.0	97	106	8.9	72	75	4.1	40 - 140	30	
Chlordane	ND	33	96	104	8.0	71	74	4.1	40 - 140	30	
d-BHC	ND	3.3	78	85	8.6	57	60	5.1	40 - 140	30	
Dieldrin	ND	1.0	96	104	8.0	71	74	4.1	40 - 140	30	
Endosulfan I	ND	3.3	96	104	8.0	71	74	4.1	40 - 140	30	
Endosulfan II	ND	3.3	98	105	6.9	73	77	5.3	40 - 140	30	
Endosulfan sulfate	ND	3.3	90	98	8.5	68	71	4.3	40 - 140	30	
Endrin	ND	3.3	101	108	6.7	76	78	2.6	40 - 140	30	
Endrin aldehyde	ND	3.3	76	82	7.6	35	37	5.6	40 - 140	30	
Endrin ketone	ND	3.3	96	105	9.0	72	76	5.4	40 - 140	30	
g-BHC	ND	1.0	95	104	9.0	69	72	4.3	40 - 140	30	
g-Chlordane	ND	3.3	96	104	8.0	71	74	4.1	40 - 140	30	
Heptachlor	ND	3.3	92	100	8.3	66	69	4.4	40 - 140	30	
Heptachlor epoxide	ND	3.3	95	102	7.1	69	72	4.3	40 - 140	30	
Methoxychlor	ND	3.3	102	109	6.6	78	80	2.5	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	84	%	92	104	12.2	74	77	4.0	30 - 150	30	
% TCMX	70	%	79	85	7.3	57	62	8.4	30 - 150	30	

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 389042 (ug/Kg), QC Sample No: BY34542 2X (BY35333)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	88	82	7.1	79	89	11.9	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	92	86	6.7	83	90	8.1	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	93	%	107	99	7.8	95	102	7.1	30 - 150	30	
% TCMX (Surrogate Rec)	86	%	92	87	5.6	81	94	14.9	30 - 150	30	

QA/QC Batch 389085 (ug/Kg), QC Sample No: BY34542 (BY35333)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	69	70	1.4	60			30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	64	60	6.5	59			30 - 130	30	
1,2-Dichlorobenzene	ND	180	58	54	7.1	50			30 - 130	30	
1,2-Diphenylhydrazine	ND	230	66	70	5.9	63			30 - 130	30	
1,3-Dichlorobenzene	ND	230	55	51	7.5	49			30 - 130	30	
1,4-Dichlorobenzene	ND	230	57	51	11.1	49			30 - 130	30	
2,4,5-Trichlorophenol	ND	230	70	68	2.9	65			30 - 130	30	
2,4,6-Trichlorophenol	ND	130	70	68	2.9	61			30 - 130	30	
2,4-Dichlorophenol	ND	130	72	72	0.0	63			30 - 130	30	
2,4-Dimethylphenol	ND	230	65	63	3.1	54			30 - 130	30	
2,4-Dinitrophenol	ND	230	14	<10	NC	20			30 - 130	30	l,m
2,4-Dinitrotoluene	ND	130	74	80	7.8	68			30 - 130	30	
2,6-Dinitrotoluene	ND	130	71	75	5.5	64			30 - 130	30	

QA/QC Data

SDG I.D.: GBY35333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Chloronaphthalene	ND	230	65	62	4.7	59			30 - 130	30	
2-Chlorophenol	ND	230	66	61	7.9	51			30 - 130	30	
2-Methylnaphthalene	ND	230	63	64	1.6	56			30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	70	64	9.0	52			30 - 130	30	
2-Nitroaniline	ND	330	60	63	4.9	58			30 - 130	30	
2-Nitrophenol	ND	230	60	59	1.7	57			30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	71	67	5.8	49			30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	63	62	1.6	56			30 - 130	30	
3-Nitroaniline	ND	330	66	69	4.4	61			30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	32	25	24.6	37			30 - 130	30	l
4-Bromophenyl phenyl ether	ND	230	70	67	4.4	62			30 - 130	30	
4-Chloro-3-methylphenol	ND	230	72	78	8.0	63			30 - 130	30	
4-Chloroaniline	ND	230	62	65	4.7	53			30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	69	72	4.3	65			30 - 130	30	
4-Nitroaniline	ND	230	66	68	3.0	60			30 - 130	30	
4-Nitrophenol	ND	230	64	68	6.1	56			30 - 130	30	
Acenaphthene	ND	230	68	68	0.0	61			30 - 130	30	
Acenaphthylene	ND	130	68	66	3.0	60			30 - 130	30	
Acetophenone	ND	230	61	58	5.0	45			30 - 130	30	
Aniline	ND	330	57	56	1.8	45			30 - 130	30	
Anthracene	ND	230	73	71	2.8	66			30 - 130	30	
Benz(a)anthracene	ND	230	69	69	0.0	64			30 - 130	30	
Benzidine	ND	330	21	23	9.1	11			30 - 130	30	l,m
Benzo(a)pyrene	ND	130	69	69	0.0	61			30 - 130	30	
Benzo(b)fluoranthene	ND	160	75	72	4.1	69			30 - 130	30	
Benzo(ghi)perylene	ND	230	63	63	0.0	59			30 - 130	30	
Benzo(k)fluoranthene	ND	230	71	74	4.1	63			30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	<10			30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	71	73	2.8	76			30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	66	65	1.5	59			30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	49	43	13.0	41			30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	49	44	10.8	38			30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	72	75	4.1	69			30 - 130	30	
Carbazole	ND	230	73	74	1.4	67			30 - 130	30	
Chrysene	ND	230	72	73	1.4	66			30 - 130	30	
Dibenz(a,h)anthracene	ND	130	68	66	3.0	67			30 - 130	30	
Dibenzofuran	ND	230	68	70	2.9	62			30 - 130	30	
Diethyl phthalate	ND	230	70	74	5.6	67			30 - 130	30	
Dimethylphthalate	ND	230	69	72	4.3	64			30 - 130	30	
Di-n-butylphthalate	ND	230	75	76	1.3	68			30 - 130	30	
Di-n-octylphthalate	ND	230	76	78	2.6	72			30 - 130	30	
Fluoranthene	ND	230	75	74	1.3	69			30 - 130	30	
Fluorene	ND	230	68	72	5.7	63			30 - 130	30	
Hexachlorobenzene	ND	130	68	68	0.0	65			30 - 130	30	
Hexachlorobutadiene	ND	230	64	58	9.8	59			30 - 130	30	
Hexachlorocyclopentadiene	ND	230	63	58	8.3	53			30 - 130	30	
Hexachloroethane	ND	130	57	50	13.1	46			30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	68	67	1.5	69			30 - 130	30	
Isophorone	ND	130	60	61	1.7	52			30 - 130	30	
Naphthalene	ND	230	64	60	6.5	58			30 - 130	30	
Nitrobenzene	ND	130	61	58	5.0	46			30 - 130	30	
N-Nitrosodimethylamine	ND	230	54	48	11.8	27			30 - 130	30	m
N-Nitrosodi-n-propylamine	ND	130	65	61	6.3	46			30 - 130	30	

QA/QC Data

SDG I.D.: GBY35333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
N-Nitrosodiphenylamine	ND	130	70	76	8.2	65			30 - 130	30	
Pentachloronitrobenzene	ND	230	71	70	1.4	66			30 - 130	30	
Pentachlorophenol	ND	230	48	47	2.1	33			30 - 130	30	
Phenanthrene	ND	130	68	69	1.5	64			30 - 130	30	
Phenol	ND	230	70	65	7.4	54			30 - 130	30	
Pyrene	ND	230	77	77	0.0	70			30 - 130	30	
Pyridine	ND	230	39	39	0.0	23			30 - 130	30	m
% 2,4,6-Tribromophenol	60	%	60	59	1.7	55			30 - 130	30	
% 2-Fluorobiphenyl	63	%	66	61	7.9	59			30 - 130	30	
% 2-Fluorophenol	58	%	61	53	14.0	49			30 - 130	30	
% Nitrobenzene-d5	58	%	62	59	5.0	47			30 - 130	30	
% Phenol-d5	62	%	66	61	7.9	50			30 - 130	30	
% Terphenyl-d14	76	%	77	76	1.3	68			30 - 130	30	

Comment:

MSD not reported for this batch.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 09, 2017

Friday, June 09, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY35333 - HANSONV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 09, 2017 SDG I.D.: GBY35333

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

ICP Metals Narration

ARCOS 06/08/17 06:16: BY35333

The following ICP Interference Check (ICSAB) compounds did not meet criteria:
ICSAB 06/08/17 20:30: Potassium 121% (80-120)

Additional criteria for CCV and ICSAB:
Sodium and Potassium are poor performing elements, the laboratory's in-house limits are 85-115% (CCV) and 70-130% (ICSAB).

SVOA Narration

CHEM19 06/07/17-1: BY35333

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.064 (0.1), Hexachlorobenzene 0.090 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.059 (0.1), Hexachlorobenzene 0.088 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM26 06/07/17-2: BY35333

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 24% (20%), Naphthalene 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

June 09, 2017

SDG I.D.: GBY35333

The samples in this delivery group were received at 3.7°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 3.7 C Pg of

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: K. VanVleet

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs Full List 8260	SVOCs Full list 8270	PCBs - 8082	Pesticides - 8081	Total Cyanide -9012	2,4,5-TP(Silvex) - 8151	Hex Chrom - 719	Metals - 6010, Mercury-7471				Soil VOA Vials [ ]methanol [ ] H2O	GL Soil container (4)oz	GL Soil container (8)oz	40 ml VOA Vial [ ]As is [ ]HCl	GL Amber 1000ml [ ]As is [ ]H2SO4	PL As is [ ]250ml [ ]500ml [ ]1000ml	PL H2SO4 [ ]250ml [ ]500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
35333	Item 4 - Carver	soil	6/6/2017	13:00	X	X	X	X	X	X	X	X					1	3							

Relinquished by:	Accepted by:	Date:	Time:
	Sample Cooler	6/6/17	14:00
		6/7/17	1300
		6/7	3:00
		6-7-17	17:30

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[X] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[X] Phoenix Std Report
[ ] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other _____

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

State where samples were collected: NY