	LOCATION				**DW-5 ENDPOINT**
	SAMPLING DATE				**3/21/2013**
	LAB SAMPLE ID				**L1304888-01**
	SAMPLE TYPE				
	SAMPLE DEPTH (ft.)				
		CasNum	**NY-UNRE**	**Units**	**Results**
General Chemistry					
	Solids, Total	NONE		%	88.2
Volatile Organics by EPA 5035					
	1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.0013
	1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.0013
	1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.0013
	1,1,2-Trichloroethane	79-00-5		mg/kg	0.002
	1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.002
	1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0013
	1,1-Dichloropropene	563-58-6		mg/kg	0.0067
	1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0067
	1,2,3-Trichloropropane	96-18-4		mg/kg	0.013
	1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.0054
	1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.0067
	1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0067
	1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.0067
	1,2-Dibromoethane	106-93-4		mg/kg	0.0054
	1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0067
	1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0013
	1,2-Dichloropropane	78-87-5		mg/kg	0.0047
	1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0067
	1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0067
	1,3-Dichloropropane	142-28-9		mg/kg	0.0067
	1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0067
	1,4-Diethylbenzene	105-05-5		mg/kg	0.0054
	1,4-Dioxane	123-91-1	0.1	mg/kg	0.13
	2,2-Dichloropropane	594-20-7		mg/kg	0.0067
	2-Butanone	78-93-3	0.12	mg/kg	0.013
	2-Hexanone	591-78-6		mg/kg	0.013
	4-Ethyltoluene	622-96-8		mg/kg	0.00038
	4-Methyl-2-pentanone	108-10-1		mg/kg	0.013
	Acetone	67-64-1	0.05	mg/kg	0.013
	Acrylonitrile	107-13-1		mg/kg	0.013
	Benzene	71-43-2	0.06	mg/kg	0.0013
	Bromobenzene	108-86-1		mg/kg	0.0067
	Bromochloromethane	74-97-5		mg/kg	0.0067
	Bromodichloromethane	75-27-4		mg/kg	0.0013
	Bromoform	75-25-2		mg/kg	0.0054
	Bromomethane	74-83-9		mg/kg	0.0027
	Carbon disulfide	75-15-0		mg/kg	0.013
	Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0013
	Chlorobenzene	108-90-7	1.1	mg/kg	0.0013
	Chloroethane	75-00-3		mg/kg	0.0027

	Chloroform	67-66-3	0.37	mg/kg	0.002
	Chloromethane	74-87-3		mg/kg	0.0067
	cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0013
	cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.0013
	Dibromochloromethane	124-48-1		mg/kg	0.0013
	Dibromomethane	74-95-3		mg/kg	0.013
	Dichlorodifluoromethane	75-71-8		mg/kg	0.013
	Ethyl ether	60-29-7		mg/kg	0.0067
	Ethylbenzene	100-41-4	1	mg/kg	0.0084
	Hexachlorobutadiene	87-68-3		mg/kg	0.0067
	Isopropylbenzene	98-82-8		mg/kg	0.0013
	Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0027
	Methylene chloride	75-09-2	0.05	mg/kg	0.0037
	n-Butylbenzene	104-51-8	12	mg/kg	0.0013
	n-Propylbenzene	103-65-1	3.9	mg/kg	0.0013
	Naphthalene	91-20-3	12	mg/kg	0.0067
	o-Chlorotoluene	95-49-8		mg/kg	0.0067
	o-Xylene	95-47-6		mg/kg	0.014
	p-Chlorotoluene	106-43-4		mg/kg	0.0067
	p-Isopropyltoluene	99-87-6		mg/kg	0.0013
	p/m-Xylene	179601-23-1		mg/kg	0.044
	sec-Butylbenzene	135-98-8	11	mg/kg	0.0013
	Styrene	100-42-5		mg/kg	0.0027
	tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0067
	Tetrachloroethene	127-18-4	1.3	mg/kg	0.0013
	Toluene	108-88-3	0.7	mg/kg	0.002
	trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.002
	trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.0013
	trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	0.0067
	Trichloroethene	79-01-6	0.47	mg/kg	0.0013
	Trichlorofluoromethane	75-69-4		mg/kg	0.0067
	Vinyl acetate	108-05-4		mg/kg	0.013
	Vinyl chloride	75-01-4	0.02	mg/kg	0.0027

* Comparison is not performed on parameters with non-numeric criteria.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Pa

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art 375 Environmental Remediation Programs, effective December 14, 2006.

PEN 1201 3/21/13
35° overcast
09:15 JE on-site to witness remediation of DW-5 at 1 shore Rd. Glenwood Landing.
- Chris Tomasello (Reliant) on site.
- American Environmental on-site w/ Guzzler
1034 Nathan Putnam (NYSDEC) on-site
- Starting depth ~7'
- Ending depth ~15'
Note: a couple thousand gallons liquid removed
1250 Collected DW-5
PID = 15
- At bottom of rings. Can't take more without undermining.
Coarse, wet light grey sand.
1315 All off-site.

Jan

PHOENIX
Environmental Laboratories, Inc.

Thursday, March 28, 2013

Attn: Chris Tomasella
Reliant Consulting
2450 Lakeside Dr
Baldwin, NY 15510t

Project ID:
Sample ID#s: BD50297

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.

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

PHOENIX

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

March 28, 2013

FOR: Attn: Chris Tomasella
Reliant Consulting
2450 Lakeside Dr
Baldwin, NY 15510t

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/20/13	0:00
Location Code:	RELIANT	Received by:	LB	03/22/13	16:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	1 SHORE RD.				

Laboratory Data

SDG ID: GBD50297
Phoenix ID: BD50297

Project ID:
Client ID: DW5-END POINT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	100	1	%	03/25/13	SW	E160.3	
Field Extraction	Completed			03/20/13		SW5035	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	03/24/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,1-Dichloropropene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	LP
1,2-Dichlorobenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
2-Chlorotoluene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
2-Hexanone	ND	26	ug/Kg	03/24/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	

Project ID: Phoenix I.D.: BD50297

Client ID: DW5-END POINT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	26	ug/Kg	03/24/13	R/J	SW8260	
Acetone	ND	100	ug/Kg	03/24/13	R/J	SW8260	
Acrylonitrile	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Benzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Bromobenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Bromochloromethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Bromodichloromethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Bromoform	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Bromomethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Carbon Disulfide	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Carbon tetrachloride	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Chlorobenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Chloroethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Chloroform	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Chloromethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	1
Dibromochloromethane	ND	3.1	ug/Kg	03/24/13	R/J	SW8260	
Dibromomethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Ethylbenzene	14	5.1	ug/Kg	03/24/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Isopropylbenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
m&p-Xylene	73	5.1	ug/Kg	03/24/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	31	ug/Kg	03/24/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	03/24/13	R/J	SW8260	
Methylene chloride	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Naphthalene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
n-Butylbenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
n-Propylbenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
o-Xylene	25	5.1	ug/Kg	03/24/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
sec-Butylbenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Styrene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
tert-Butylbenzene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Tetrachloroethene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	03/24/13	R/J	SW8260	1
Toluene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Total Xylenes	98	5.1	ug/Kg	03/24/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	03/24/13	R/J	SW8260	
Trichloroethene	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
Vinyl chloride	ND	5.1	ug/Kg	03/24/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	03/24/13	R/J	70 - 130 %	
% Bromofluorobenzene	101		%	03/24/13	R/J	70 - 130 %	
% Dibromofluoromethane	98		%	03/24/13	R/J	70 - 130 %	

Project ID: Phoenix I.D.: BD50297

Client ID: DW5-END POINT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	103		%	03/24/13	R/J	70 - 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.
1P = This parameter is pending certification by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

VOAS RECEIVED 100% SOLID ASSUMED

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

March 28, 2013

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

March 28, 2013

QA/QC Data

SDG I.D.: GBD50297

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 224319, QC Sample No: BD50114 (BD50297)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	118	104	12.6				70 - 130	30	
1,1,1-Trichloroethane	ND	110	103	6.6				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	104	96	8.0				70 - 130	30	
1,1,2-Trichloroethane	ND	122	107	13.1				70 - 130	30	
1,1-Dichloroethane	ND	115	102	12.0				70 - 130	30	
1,1-Dichloroethene	ND	110	100	9.5				70 - 130	30	
1,1-Dichloropropene	ND	120	106	12.4				70 - 130	30	
1,2,3-Trichlorobenzene	ND	98	86	13.0				70 - 130	30	
1,2,3-Trichloropropane	ND	81	75	7.7				70 - 130	30	
1,2,4-Trichlorobenzene	ND	87	77	12.2				70 - 130	30	
1,2,4-Trimethylbenzene	ND	112	99	12.3				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	127	109	15.3				70 - 130	30	
1,2-Dibromoethane	ND	123	107	13.9				70 - 130	30	
1,2-Dichlorobenzene	ND	107	95	11.9				70 - 130	30	
1,2-Dichloroethane	ND	119	105	12.5				70 - 130	30	
1,2-Dichloropropane	ND	123	104	16.7				70 - 130	30	
1,3,5-Trimethylbenzene	ND	115	101	13.0				70 - 130	30	
1,3-Dichlorobenzene	ND	107	94	12.9				70 - 130	30	
1,3-Dichloropropane	ND	123	107	13.9				70 - 130	30	
1,4-Dichlorobenzene	ND	102	89	13.6				70 - 130	30	
2,2-Dichloropropane	ND	84	84	0.0				70 - 130	30	
2-Chlorotoluene	ND	105	92	13.2				70 - 130	30	
2-Hexanone	ND	75	54	32.6				70 - 130	30	l,r
2-Isopropyltoluene	ND	116	102	12.8				70 - 130	30	
4-Chlorotoluene	ND	105	92	13.2				70 - 130	30	
4-Methyl-2-pentanone	ND	91	78	15.4				70 - 130	30	
Acetone	ND	65	51	24.1				70 - 130	30	l
Acrylonitrile	ND	118	105	11.7				70 - 130	30	
Benzene	ND	120	103	15.2				70 - 130	30	
Bromobenzene	ND	113	101	11.2				70 - 130	30	
Bromochloromethane	ND	122	107	13.1				70 - 130	30	
Bromodichloromethane	ND	122	106	14.0				70 - 130	30	
Bromoform	ND	110	102	7.5				70 - 130	30	
Bromomethane	ND	118	107	9.8				70 - 130	30	
Carbon Disulfide	ND	87	79	9.6				70 - 130	30	
Carbon tetrachloride	ND	108	103	4.7				70 - 130	30	
Chlorobenzene	ND	115	100	14.0				70 - 130	30	
Chloroethane	ND	119	108	9.7				70 - 130	30	
Chloroform	ND	121	107	12.3				70 - 130	30	
Chloromethane	ND	124	114	8.4				70 - 130	30	
cis-1,2-Dichloroethene	ND	122	108	12.2				70 - 130	30	

QA/QC Data

SDG I.D.: GBD50297

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	104	93	11.2				70 - 130	30	
Dibromochloromethane	ND	123	111	10.3				70 - 130	30	
Dibromomethane	ND	124	107	14.7				70 - 130	30	
Dichlorodifluoromethane	ND	144	135	6.5				70 - 130	30	I
Ethylbenzene	ND	113	98	14.2				70 - 130	30	
Hexachlorobutadiene	ND	105	94	11.1				70 - 130	30	
Isopropylbenzene	ND	119	105	12.5				70 - 130	30	
m&p-Xylene	ND	114	99	14.1				70 - 130	30	
Methyl ethyl ketone	ND	65	52	22.2				70 - 130	30	I
Methyl t-butyl ether (MTBE)	ND	93	81	13.8				70 - 130	30	
Methylene chloride	ND	99	88	11.8				70 - 130	30	
Naphthalene	ND	116	103	11.9				70 - 130	30	
n-Butylbenzene	ND	106	96	9.9				70 - 130	30	
n-Propylbenzene	ND	119	104	13.5				70 - 130	30	
o-Xylene	ND	98	84	15.4				70 - 130	30	
p-Isopropyltoluene	ND	114	102	11.1				70 - 130	30	
sec-Butylbenzene	ND	115	101	13.0				70 - 130	30	
Styrene	ND	95	81	15.9				70 - 130	30	
tert-Butylbenzene	ND	120	107	11.5				70 - 130	30	
Tetrachloroethene	ND	116	100	14.8				70 - 130	30	
Tetrahydrofuran (THF)	ND	112	99	12.3				70 - 130	30	
Toluene	ND	115	100	14.0				70 - 130	30	
trans-1,2-Dichloroethene	ND	110	99	10.5				70 - 130	30	
trans-1,3-Dichloropropene	ND	93	85	9.0				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	85	78	8.6				70 - 130	30	
Trichloroethene	ND	135	112	18.6				70 - 130	30	I
Trichlorofluoromethane	ND	123	110	11.2				70 - 130	30	
Trichlorotrifluoroethane	ND	118	106	10.7				70 - 130	30	
Vinyl chloride	ND	115	106	8.1				70 - 130	30	
% 1,2-dichlorobenzene-d4	100	100	100	0.0				70 - 130	30	
% Bromofluorobenzene	92	99	99	0.0				70 - 130	30	
% Dibromofluoromethane	98	96	98	2.1				70 - 130	30	
% Toluene-d8	104	101	101	0.0				70 - 130	30	

Comment:

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

I = This parameter is outside laboratory lcs/lcsd 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
March 28, 2013

Sample Criteria Exceedences Report

GBD50297 - RELIANT

Requested Criteria: 375
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD50297	$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	100	50	50	ug/Kg

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

NY Temperature Narration

March 28, 2013

SDG I.D.: GBD50297

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

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 4.0°C / Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: ReliantConsulting@live.com

Customer: Reliant Consulting
Address: 2450 Lakeside Dr, Baldwin NY

Project: 1 Shore RD, Glenwood Landing
Report to: Chris Tarallo Reliant
Invoice to: Reliant

Project P.O: 1 Shore RD
Phone #: 516 233 7944
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 3/21/13

Matrix Code:
DW=drinking water GW=groundwater WW=wastewater SL=sludge S=soil/solid A=air O=oil X=other

Analysis Request: 8260

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260	Soil VOA [X] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) 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
50297	DW5-End Point	S			X	3									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	3-22-13	9:30
[signature]	[signature]	3-22-13	16:00

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other

* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil (scribbled out)
☒ NY375 Unrestricted Soil
☐ NY375 Residential Soil (scribbled out)
☐ NY375 Restricted Non-Residential Soil

State where samples were collected: NY

Data Format
☒ 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

Reliant Consulting Services, Inc.

November 20, 2012

Mr. David Yudelson, Esq.
Sive Padgett & Rizel
460 Park Avenue
New York, NY 10022

Re: Environmental Sampling And Remediation Work Plan for Underground Injection Control Pit DW-5 Remediation and the West Sanitary System sampling at 1 shore Road, Glenwood Landing, NY.

Reliant Consulting Services, Inc. (Reliant) is pleased to provide you with environmental remediation work plan in response to the dry well issues outlined in the PW. Grosser Consulting letter of 9/7/2012. The work to be performed is as follows:

Reliant will oversee the remediation of DW-5, an Underground Injection Control Pit, by American Environmental Assessment Corp., 188 Long Island Avenue, Wyandanch, NY, and other various disposal subcontractors and obtain a sample from the West Sanitary System. Following the remediation, MW5 will also be compliance sampled upon completion of the cleaning process. The results will be compiled into a report form with all tracking documents and a disposal summary provided.

Subsequently, Reliant will then commence a program to identify the use of hazardous materials on the site (walk through and interview), develop a small quantity generator waste management plan (written), and provide training for the workers on the use of the plan.

- Sludge phase analysis is to be submitted as non-hazardous impacted sediments.
- Liquid phase was to be is to be submitted for disposal approval at Bay park WPCP. Due to the recent hurricane, Bay Park may no longer be an option. We are investigating this disposal aspect.
- A sludge guzzler will vacuum impacted soils until the sediment is visibly clean or until the structural integrity of the structure is in concern.
- Sampling performed for both DW-5 and the West Sanitary System will be 8260 full, 8270 BN, and RCRA Metals-6010.
- Transportation of the non-hazardous sediment will be to a permitted facility, as of yet undetermined, which can accept the waste as profiled. .
- Sand will be replenished for stability.

2450 Lakeside Drive, Baldwin, New York 11510
TEL and Fax: 516 632 9707, Cell 516 233 7944

If there are any questions related to this Work Plan, or if there are any changes required, please feel free to call me at either the office 516-632-9707, or on my cell at 516-233-7944.

Sincerely,

Christopher P. Tomasello, IH

Project Manager/President

ANALYTICAL REPORT

Lab Number:	L1304888
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	John Eichler
Phone:	(631) 589-6353
Project Name:	PENETREX
Project Number:	PEN1201
Report Date:	03/28/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: PENETREX
Project Number: PEN1201

Lab Number: L1304888
Report Date: 03/28/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1304888-01	DW-5 ENDPOINT	1 SHORE POND RD., GLENWOOD	03/21/13 12:50

Project Name: PENETREX
Project Number: PEN1201

Lab Number: L1304888
Report Date: 03/28/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PENETREX **Lab Number:** L1304888
Project Number: PEN1201 **Report Date:** 03/28/13

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 03/28/13

ORGANICS

VOLATILES

Project Name: PENETREX **Lab Number:** L1304888

Project Number: PEN1201 **Report Date:** 03/28/13

SAMPLE RESULTS

Lab ID: L1304888-01
Client ID: DW-5 ENDPOINT
Sample Location: 1 SHORE POND RD., GLENWOOD
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/25/13 12:54
Analyst: BN
Percent Solids: 88%

Date Collected: 03/21/13 12:50
Date Received: 03/22/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	3.7	J	ug/kg	13	2.7	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.24	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.3	0.42	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.17	1
1,1-Dichloropropene	ND		ug/kg	6.7	0.61	1
Bromoform	ND		ug/kg	5.4	0.56	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.23	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.15	1
Ethylbenzene	8.4		ug/kg	1.3	0.20	1
Chloromethane	ND		ug/kg	6.7	1.0	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.19	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.33	1

Project Name: PENETREX **Lab Number:** L1304888

Project Number: PEN1201 **Report Date:** 03/28/13

SAMPLE RESULTS

Lab ID: L1304888-01 Date Collected: 03/21/13 12:50

Client ID: DW-5 ENDPOINT Date Received: 03/22/13

Sample Location: 1 SHORE POND RD., GLENWOOD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.7	0.14	1
p/m-Xylene	44		ug/kg	2.7	0.44	1
o-Xylene	14		ug/kg	2.7	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.20	1
Dibromomethane	ND		ug/kg	13	0.22	1
Styrene	ND		ug/kg	2.7	0.42	1
Dichlorodifluoromethane	ND		ug/kg	13	0.29	1
Acetone	ND		ug/kg	13	4.2	1
Carbon disulfide	ND		ug/kg	13	2.7	1
2-Butanone	ND		ug/kg	13	0.48	1
Vinyl acetate	ND		ug/kg	13	0.65	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.30	1
2-Hexanone	ND		ug/kg	13	0.25	1
Bromochloromethane	ND		ug/kg	6.7	0.26	1
2,2-Dichloropropane	ND		ug/kg	6.7	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.43	1
Bromobenzene	ND		ug/kg	6.7	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.27	1
sec-Butylbenzene	ND		ug/kg	1.3	0.28	1
tert-Butylbenzene	ND		ug/kg	6.7	0.76	1
o-Chlorotoluene	ND		ug/kg	6.7	0.22	1
p-Chlorotoluene	ND		ug/kg	6.7	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	1.1	1
Hexachlorobutadiene	ND		ug/kg	6.7	0.57	1
Isopropylbenzene	ND		ug/kg	1.3	0.23	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.7	1.0	1
Acrylonitrile	ND		ug/kg	13	0.32	1
n-Propylbenzene	ND		ug/kg	1.3	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	1.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.7	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.7	0.77	1
1,4-Dioxane	ND		ug/kg	130	24.	1
1,4-Diethylbenzene	ND		ug/kg	5.4	0.22	1
4-Ethyltoluene	0.38	J	ug/kg	5.4	0.16	1

Project Name: PENETREX **Lab Number:** L1304888

Project Number: PEN1201 **Report Date:** 03/28/13

SAMPLE RESULTS

Lab ID: L1304888-01 Date Collected: 03/21/13 12:50

Client ID: DW-5 ENDPOINT Date Received: 03/22/13

Sample Location: 1 SHORE POND RD., GLENWOOD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.18	1
Ethyl ether	ND		ug/kg	6.7	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: PENETREX **Lab Number:** L1304888

Project Number: PEN1201 **Report Date:** 03/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/25/13 10:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG597457-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.34	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18

Project Name: PENETREX **Lab Number:** L1304888

Project Number: PEN1201 **Report Date:** 03/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/25/13 10:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG597457-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77

Project Name: PENETREX
Project Number: PEN1201

Lab Number: L1304888
Report Date: 03/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/25/13 10:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG597457-3					
Acrylonitrile	ND		ug/kg	10	0.24
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Project Name: PENETREX
Project Number: PEN1201

Lab Number: L1304888
Report Date: 03/28/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/25/13 10:10
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG597457-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PENETREX

Project Number: PEN1201

Lab Number: L1304888

Report Date: 03/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG597457-1 WG597457-2								
Methylene chloride	93		96		70-130	3		30
1,1-Dichloroethane	97		97		70-130	0		30
Chloroform	98		98		70-130	0		30
Carbon tetrachloride	96		91		70-130	5		30
1,2-Dichloropropane	99		100		70-130	1		30
Dibromochloromethane	97		99		70-130	2		30
2-Chloroethylvinyl ether	101		105			4		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	94		90		70-130	4		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	97		92		70-139	5		30
1,2-Dichloroethane	99		103		70-130	4		30
1,1,1-Trichloroethane	96		93		70-130	3		30
Bromodichloromethane	99		102		70-130	3		30
trans-1,3-Dichloropropene	96		99		70-130	3		30
cis-1,3-Dichloropropene	98		102		70-130	4		30
1,1-Dichloropropene	95		91		70-130	4		30
Bromoform	96		100		70-130	4		30
1,1,2,2-Tetrachloroethane	98		99		70-130	1		30
Benzene	97		96		70-130	1		30
Toluene	91		91		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PENETREX

Project Number: PEN1201

Lab Number: L1304888

Report Date: 03/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG597457-1 WG597457-2								
Ethylbenzene	94		93		70-130	1		30
Chloromethane	96		94		52-130	2		30
Bromomethane	96		100		57-147	4		30
Vinyl chloride	94		89		67-130	5		30
Chloroethane	98		96		50-151	2		30
1,1-Dichloroethene	95		90		65-135	5		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	95		95		70-130	0		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	95		95		70-130	0		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	99		102		66-130	3		30
p/m-Xylene	95		94		70-130	1		30
o-Xylene	97		96		70-130	1		30
cis-1,2-Dichloroethene	98		100		70-130	2		30
Dibromomethane	101		104		70-130	3		30
Styrene	97		98		70-130	1		30
Dichlorodifluoromethane	102		95		30-146	7		30
Acetone	123		108		54-140	13		30
Carbon disulfide	92		88		59-130	4		30
2-Butanone	128		125		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PENETREX

Project Number: PEN1201

Lab Number: L1304888

Report Date: 03/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG597457-1 WG597457-2								
Vinyl acetate	101		104		70-130	3		30
4-Methyl-2-pentanone	103		103		70-130	0		30
1,2,3-Trichloropropane	97		99		68-130	2		30
2-Hexanone	104		102		70-130	2		30
Bromochloromethane	99		105		70-130	6		30
2,2-Dichloropropane	96		93		70-130	3		30
1,2-Dibromoethane	99		101		70-130	2		30
1,3-Dichloropropane	97		100		69-130	3		30
1,1,1,2-Tetrachloroethane	96		98		70-130	2		30
Bromobenzene	96		97		70-130	1		30
n-Butylbenzene	93		88		70-130	6		30
sec-Butylbenzene	93		89		70-130	4		30
tert-Butylbenzene	94		90		70-130	4		30
o-Chlorotoluene	93		93		70-130	0		30
p-Chlorotoluene	94		93		70-130	1		30
1,2-Dibromo-3-chloropropane	87		107		68-130	21		30
Hexachlorobutadiene	91		86		67-130	6		30
Isopropylbenzene	95		93		70-130	2		30
p-Isopropyltoluene	94		90		70-130	4		30
Naphthalene	96		98		70-130	2		30
Acrylonitrile	108		109		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PENETREX

Project Number: PEN1201

Lab Number: L1304888

Report Date: 03/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG597457-1 WG597457-2								
Isopropyl Ether	98		102		66-130	4		30
tert-Butyl Alcohol	103		104		70-130	1		30
n-Propylbenzene	93		90		70-130	3		30
1,2,3-Trichlorobenzene	94		94		70-130	0		30
1,2,4-Trichlorobenzene	96		94		70-130	2		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	94		92		70-130	2		30
Methyl Acetate	100		105		70-130	5		30
Ethyl Acetate	108		112		70-130	4		30
Acrolein	88		88		70-130	0		30
Cyclohexane	98		92		70-130	6		30
1,4-Dioxane	98		111		65-136	12		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		94		70-130	5		30
1,4-Diethylbenzene	98		95		70-130	3		30
4-Ethyltoluene	98		96		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		98		70-130	0		30
Tetrahydrofuran	101		104		66-130	3		30
Ethyl ether	97		102		67-130	5		30
trans-1,4-Dichloro-2-butene	99		101		70-130	2		30
Methyl cyclohexane	98		92		70-130	6		30
Ethyl-Tert-Butyl-Ether	98		104		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PENETREX

Project Number: PEN1201

Lab Number: L1304888

Report Date: 03/28/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG597457-1 WG597457-2								
Tertiary-Amyl Methyl Ether	100		103		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	98		100		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: PENETREX
Project Number: PEN1201

Lab Number: L1304888
Report Date: 03/28/13

SAMPLE RESULTS

Lab ID: L1304888-01
Client ID: DW-5 ENDPOINT
Sample Location: 1 SHORE POND RD., GLENWOOD
Matrix: Soil

Date Collected: 03/21/13 12:50
Date Received: 03/22/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	03/23/13 11:30	30,2540G	TA

Lab Duplicate Analysis
Batch Quality Control

Project Name: PENETREX
Project Number: PEN1201

Lab Number: L1304888
Report Date: 03/28/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG597110-1 QC Sample: L1304874-02 Client ID: DUP Sample						
Solids, Total	84.2	85.8	%	2		20

Project Name: PENETREX
Project Number: PEN1201

Lab Number: L1304888
Report Date: 03/28/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 03/23/2013 02:16

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1304888-01A	5 gram Encore Sampler	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(2)
L1304888-01B	5 gram Encore Sampler	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(2)
L1304888-01C	5 gram Encore Sampler	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(2)
L1304888-01D	Vial MeOH preserved split	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1304888-01E	Vial Water preserved split	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1304888-01F	Vial Water preserved split	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1304888-01G	Plastic 2oz unpreserved for TS	A	N/A	2.7	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name:	PENETREX	**Lab Number:**	L1304888
Project Number:	PEN1201	**Report Date:**	03/28/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

Report Format: DU Report with "J" Qualifiers

Project Name:	PENETREX	**Lab Number:**	L1304888
Project Number:	PEN1201	**Report Date:**	03/28/13

Data Qualifiers

due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

Project Name:	PENETREX	**Lab Number:**	L1304888
Project Number:	PEN1201	**Report Date:**	03/28/13

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertOT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C,

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/22/13

ALPHA Job #: L1304888

Client Information

Client: PW Grosser
Address: 630 Johnson Ave.
Bohemia, NY 11716
Phone: (631) 589-6353
Fax: (631) 589-8705
Email: JohnE@PWGrosser.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Penetrex
Project Location: 1 Shore Road Glenwood Landing, NY
Project #: PEN 1201
Project Manager: John Eichler
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 3/29/13 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: 8260

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260	Sample Specific Comments	TOTAL # BOTTLES
04988.1	DW-5 endpoint	3/21/13	1250	B	JE	X		

Container Type: E
Preservative: A

Relinquished By:	Date/Time	Received By:	Date/Time
	3/22/13 1350		3/22/13 1350
	3/22/13 1900		3/22/13 1900
	3/22/13 0100		3/22/13 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)