ATTACHMENT III: PROPERTY'S ENVIRONMENTAL HISTORY

HAMILTON HILL II – TARGET AREA 1 SITE

(Section III of Part A of the BCP Application)

Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 17, 2017

Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Project ID: HAMILTON HILL II
Sample ID#s: BY80605 - BY80623

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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	12:35
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80605

Project ID: HAMILTON HILL II
Client ID: SS1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	13900	55	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.7	3.7	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	7.65	0.73	mg/Kg	1	08/10/17	MA	SW6010C
Barium	75.7	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.76	0.29	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	2500	5.5	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	1.01	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	18.6	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	13.0	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Copper	36.8	0.37	mg/kg	1	08/10/17	MA	SW6010C
Iron	34600	55	mg/Kg	10	08/10/17	MA	SW6010C
Lead	9.11	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	6280	55	mg/Kg	10	08/10/17	MA	SW6010C
Manganese	545	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.05	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	31.0	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	2880	5.5	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.37	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	1220	5.5	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.3	3.3	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	28.8	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	85.5	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	92		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS1

Phoenix I.D.: BY80605

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2,4,5-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2,4,6-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2,4-Dichlorophenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2,4-Dimethylphenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2,4-Dinitrophenol	ND	0.57	mg/Kg	1	08/09/17	PS	SW8270D	
2,4-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2,6-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2-Chloronaphthalene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2-Chlorophenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2-Methylnaphthalene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2-Methylphenol (o-cresol)	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
2-Nitroaniline	ND	0.57	mg/Kg	1	08/09/17	PS	SW8270D	
2-Nitrophenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.36	mg/Kg	1	08/09/17	PS	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.43	mg/Kg	1	08/09/17	PS	SW8270D	
3-Nitroaniline	ND	0.57	mg/Kg	1	08/09/17	PS	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/09/17	PS	SW8270D	
4-Bromophenyl phenyl ether	ND	0.36	mg/Kg	1	08/09/17	PS	SW8270D	
4-Chloro-3-methylphenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
4-Chloroaniline	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
4-Nitroaniline	ND	0.57	mg/Kg	1	08/09/17	PS	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/09/17	PS	SW8270D	
Acenaphthene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Acenaphthylene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Acetophenone	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Anthracene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Atrazine	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Benz(a)anthracene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Benzaldehyde	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Benzo(a)pyrene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Benzo(b)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Benzo(ghi)perylene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Benzo(k)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Benzyl butyl phthalate	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg	1	08/09/17	PS	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Caprolactam	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Carbazole	ND	0.36	mg/Kg	1	08/09/17	PS	SW8270D	
Chrysene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/09/17	PS	SW8270D	
Dibenzofuran	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	
Diethyl phthalate	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS1

Phoenix I.D.: BY80605

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Di-n-butylphthalate	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Di-n-octylphthalate	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Fluoranthene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Fluorene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Hexachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Hexachlorobutadiene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Hexachlorocyclopentadiene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Hexachloroethane	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Isophorone	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Naphthalene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Nitrobenzene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
N-Nitrosodimethylamine	ND	0.36	mg/Kg	1	08/09/17	PS	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/09/17	PS	SW8270D
N-Nitrosodiphenylamine	ND	0.36	mg/Kg	1	08/09/17	PS	SW8270D
Pentachlorophenol	ND	0.36	mg/Kg	1	08/09/17	PS	SW8270D
Phenanthrene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Phenol	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
Pyrene	ND	0.25	mg/Kg	1	08/09/17	PS	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	61		%	1	08/09/17	PS	30 - 130 %
% 2-Fluorobiphenyl	64		%	1	08/09/17	PS	30 - 130 %
% 2-Fluorophenol	53		%	1	08/09/17	PS	30 - 130 %
% Nitrobenzene-d5	59		%	1	08/09/17	PS	30 - 130 %
% Phenol-d5	58		%	1	08/09/17	PS	30 - 130 %
% Terphenyl-d14	72		%	1	08/09/17	PS	30 - 130 %
SVOA Library Search Top 15	Completed				08/17/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	12:40
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80606

Project ID: HAMILTON HILL II
Client ID: SS2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	10100	58	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.9	3.9	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	5.88	0.77	mg/Kg	1	08/10/17	MA	SW6010C
Barium	130	0.39	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.56	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	3700	5.8	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	6.02	0.39	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	18.3	0.39	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	8.26	0.39	mg/Kg	1	08/10/17	MA	SW6010C
Copper	63.8	0.39	mg/kg	1	08/10/17	MA	SW6010C
Iron	20100	58	mg/Kg	10	08/10/17	MA	SW6010C
Lead	620	3.9	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	3970	5.8	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	365	3.9	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.39	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	32.1	0.39	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	1780	5.8	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.39	0.39	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	83.1	5.8	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.5	3.5	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	28.9	0.39	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	823	3.9	mg/Kg	10	08/10/17	MA	SW6010C
Percent Solid	85		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS2

Phoenix I.D.: BY80606

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.62	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.62	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.39	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.47	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.62	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.39	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.62	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1.1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	0.46	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	0.33	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.39	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	0.27	0.19	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS2

Phoenix I.D.: BY80606

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	0.41	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	0.36	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.39	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.19	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.39	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.39	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.27	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	0.34	0.27	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	67		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	66		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	47		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	63		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	58		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	63		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/09/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	12:55
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80607

Project ID: HAMILTON HILL II
Client ID: SS3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	7040	50	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.3	3.3	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	4.04	0.67	mg/Kg	1	08/10/17	MA	SW6010C
Barium	65.7	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.36	0.27	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	9460	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.71	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	10.7	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	5.38	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Copper	22.7	0.33	mg/kg	1	08/10/17	MA	SW6010C
Iron	14700	50	mg/Kg	10	08/10/17	MA	SW6010C
Lead	95.7	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	3680	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	536	3.3	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.24	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	12.7	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	1130	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.33	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	60.8	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.0	3.0	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	16.2	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	95.3	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	95		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS3

Phoenix I.D.: BY80607

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	0.29	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	0.3	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	0.32	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	0.3	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	0.36	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS3

Phoenix I.D.: BY80607

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	0.66	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	0.29	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	0.58	0.24	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	59		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	68		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	63		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	63		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	62		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	68		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/17/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	13:05
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80608

Project ID: HAMILTON HILL II
Client ID: SS4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	5950	57	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.8	3.8	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	3.47	0.76	mg/Kg	1	08/10/17	MA	SW6010C
Barium	68.6	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.31	0.30	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	5920	5.7	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.57	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	10.0	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	4.95	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Copper	21.7	0.38	mg/kg	1	08/10/17	MA	SW6010C
Iron	11300	57	mg/Kg	10	08/10/17	MA	SW6010C
Lead	145	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	3130	5.7	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	219	3.8	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.49	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	11.3	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	850	5.7	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.38	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	59.9	5.7	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.4	3.4	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	14.7	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	120	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	94		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS4

Phoenix I.D.: BY80608

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	0.26	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS4

Phoenix I.D.: BY80608

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	0.41	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	0.36	0.24	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	72		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	72		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	51		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	70		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	63		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	67		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/09/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	13:15
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80609

Project ID: HAMILTON HILL II
Client ID: SS5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	6530	56	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.7	3.7	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	5.18	0.74	mg/Kg	1	08/10/17	MA	SW6010C
Barium	173	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.36	0.30	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	4200	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	1.12	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	13.5	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	5.14	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Copper	37.3	0.37	mg/kg	1	08/10/17	MA	SW6010C
Iron	21600	56	mg/Kg	10	08/10/17	MA	SW6010C
Lead	274	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	2040	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	311	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.85	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	11.8	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	937	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.37	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	74.8	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.3	3.3	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	17.7	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	238	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Percent Solid	90		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS5

Phoenix I.D.: BY80609

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.59	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.59	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.37	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.44	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.59	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.37	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.59	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1.1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	0.28	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	0.3	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	0.36	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	0.34	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	1.1	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.37	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	0.4	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS5

Phoenix I.D.: BY80609

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	0.65	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.37	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.37	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.37	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	0.3	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.26	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	0.6	0.26	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	69		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	66		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	48		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	65		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	58		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	66		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	13:25
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80610

Project ID: HAMILTON HILL II
Client ID: SS6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	6030	50	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.4	3.4	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	4.08	0.67	mg/Kg	1	08/10/17	MA	SW6010C
Barium	288	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.35	0.27	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	8800	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.93	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	11.2	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	4.06	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Copper	35.5	0.34	mg/kg	1	08/10/17	MA	SW6010C
Iron	11100	50	mg/Kg	10	08/10/17	MA	SW6010C
Lead	485	3.4	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	1610	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	209	3.4	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	1.17	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	10.0	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	871	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.34	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	135	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.0	3.0	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	15.4	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	294	3.4	mg/Kg	10	08/10/17	MA	SW6010C
Percent Solid	92		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS6

Phoenix I.D.: BY80610

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.57	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.57	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.57	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.57	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS6

Phoenix I.D.: BY80610

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	0.28	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	71		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	67		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	41		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	58		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	57		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	65		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/09/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	13:45
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80611

Project ID: HAMILTON HILL II
Client ID: SS7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	10300	51	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.4	3.4	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	6.35	0.69	mg/Kg	1	08/10/17	MA	SW6010C
Barium	85.8	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.61	0.27	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	10200	5.1	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.97	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	16.9	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	10.6	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Copper	32.1	0.34	mg/kg	1	08/10/17	MA	SW6010C
Iron	24900	51	mg/Kg	10	08/10/17	MA	SW6010C
Lead	105	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	9350	51	mg/Kg	10	08/10/17	MA	SW6010C
Manganese	395	3.4	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.06	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	26.6	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	2820	5.1	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.34	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	101	5.1	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.1	3.1	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	21.6	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	121	0.34	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	96		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Ver 1

Project ID: HAMILTON HILL II
Client ID: SS7

Phoenix I.D.: BY80611

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	0.26	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS7

Phoenix I.D.: BY80611

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	79		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	77		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	56		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	71		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	66		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	71		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/09/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	13:55
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80612

Project ID: HAMILTON HILL II
Client ID: SS8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	4620	47	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.2	3.2	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	2.12	0.63	mg/Kg	1	08/10/17	MA	SW6010C
Barium	28.1	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.27	0.25	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	5800	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.34	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	5.77	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	3.25	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Copper	10.2	0.32	mg/kg	1	08/10/17	MA	SW6010C
Iron	9290	47	mg/Kg	10	08/10/17	MA	SW6010C
Lead	33.2	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	4220	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	164	3.2	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.08	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	7.46	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	804	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.32	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	176	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 2.8	2.8	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	11.1	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	40.4	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	94		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS8

Phoenix I.D.: BY80612

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS8

Phoenix I.D.: BY80612

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	82		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	76		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	56		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	72		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	67		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	75		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/09/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	14:05
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80613

Project ID: HAMILTON HILL II
Client ID: SS9

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	4920	53	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.5	3.5	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	1.69	0.70	mg/Kg	1	08/10/17	MA	SW6010C
Barium	18.6	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.30	0.28	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	591	5.3	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	< 0.35	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	6.04	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	3.76	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Copper	9.10	0.35	mg/kg	1	08/10/17	MA	SW6010C
Iron	9720	53	mg/Kg	10	08/10/17	MA	SW6010C
Lead	15.0	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	1360	5.3	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	193	3.5	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.03	0.02	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	7.79	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	833	5.3	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.35	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	202	5.3	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.2	3.2	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	11.9	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	25.4	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	96		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS9

Phoenix I.D.: BY80613

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	0.99	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	0.99	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS9

Phoenix I.D.: BY80613

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	79		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	74		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	53		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	69		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	66		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	75		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/09/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	14:15
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80614

Project ID: HAMILTON HILL II
Client ID: SS10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	6170	56	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.7	3.7	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	4.13	0.75	mg/Kg	1	08/10/17	MA	SW6010C
Barium	68.5	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.35	0.30	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	2760	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.52	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	10.3	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	4.04	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Copper	32.4	0.37	mg/kg	1	08/10/17	MA	SW6010C
Iron	11100	56	mg/Kg	10	08/10/17	MA	SW6010C
Lead	154	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	1880	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	243	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.65	0.03	mg/Kg	1	08/09/17	RS	SW7471B
Nickel	9.27	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	893	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.37	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	56.9	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.4	3.4	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	13.9	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	110	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	93		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/08/17	BJ/CKV	SW3545A
Mercury Digestion	Completed				08/09/17	Q/I	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS10

Phoenix I.D.: BY80614

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	0.29	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS10

Phoenix I.D.: BY80614

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	0.47	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	0.29	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.25	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	0.42	0.25	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	76		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	69		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	47		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	62		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	60		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	69		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/09/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	14:35
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80615

Project ID: HAMILTON HILL II
Client ID: SS11

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	6270	54	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.6	3.6	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	1.49	0.72	mg/Kg	1	08/10/17	MA	SW6010C
Barium	21.4	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.33	0.29	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	296	5.4	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	< 0.36	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	6.18	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	3.98	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Copper	8.42	0.36	mg/kg	1	08/10/17	MA	SW6010C
Iron	10500	54	mg/Kg	10	08/10/17	MA	SW6010C
Lead	3.73	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	1560	5.4	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	158	3.6	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	8.42	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	671	5.4	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.36	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	77.6	5.4	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.3	3.3	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	12.6	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	22.1	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	96		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	JJ/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS11

Phoenix I.D.: BY80615

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.54	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.54	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.54	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	0.98	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.54	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	0.98	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS11

Phoenix I.D.: BY80615

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	65		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	67		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	51		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	61		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	56		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	63		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	14:45
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80616

Project ID: HAMILTON HILL II
Client ID: SS12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	5520	48	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.2	3.2	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	3.91	0.63	mg/Kg	1	08/10/17	MA	SW6010C
Barium	63.8	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.33	0.25	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	1640	4.8	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.44	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	8.82	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	3.93	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Copper	23.5	0.32	mg/kg	1	08/10/17	MA	SW6010C
Iron	10400	48	mg/Kg	10	08/10/17	MA	SW6010C
Lead	144	3.2	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	1250	4.8	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	211	3.2	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.69	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	8.34	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	668	4.8	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.32	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	64.2	4.8	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 2.9	2.9	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	14.7	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	101	0.32	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	95		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Ver 1

Project ID: HAMILTON HILL II
Client ID: SS12

Phoenix I.D.: BY80616

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	08/09/17	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	0.99	mg/Kg	1	08/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	08/09/17	DD	SW8270D	
4-Nitrophenol	ND	0.99	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Carbazole	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS12

Phoenix I.D.: BY80616

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluoranthene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	08/09/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	08/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	82		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	68		%	1	08/09/17	DD	30 - 130 %
% 2-Fluorophenol	57		%	1	08/09/17	DD	30 - 130 %
% Nitrobenzene-d5	61		%	1	08/09/17	DD	30 - 130 %
% Phenol-d5	64		%	1	08/09/17	DD	30 - 130 %
% Terphenyl-d14	79		%	1	08/09/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	14:55
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80617

Project ID: HAMILTON HILL II
Client ID: SS13

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	5000	52	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.5	3.5	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	5.42	0.69	mg/Kg	1	08/10/17	MA	SW6010C
Barium	53.4	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.30	0.28	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	11400	52	mg/Kg	10	08/10/17	MA	SW6010C
Cadmium	2.06	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	8.00	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	4.52	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Copper	30.7	0.35	mg/kg	1	08/10/17	MA	SW6010C
Iron	10600	52	mg/Kg	10	08/10/17	MA	SW6010C
Lead	115	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	2970	5.2	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	210	3.5	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.80	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	11.6	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	825	5.2	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.35	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	76.0	5.2	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.1	3.1	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	13.1	0.35	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	151	3.5	mg/Kg	10	08/10/17	MA	SW6010C
Percent Solid	95		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Ver 1

Project ID: HAMILTON HILL II
Client ID: SS13

Phoenix I.D.: BY80617

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/10/17	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benz(a)anthracene	0.61	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(a)pyrene	0.74	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(b)fluoranthene	0.88	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(ghi)perylene	0.39	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(k)fluoranthene	0.71	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
Chrysene	0.75	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS13

Phoenix I.D.: BY80617

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Fluoranthene	0.54	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	0.43	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Pyrene	0.57	0.24	mg/Kg	1	08/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	66		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	63		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorophenol	52		%	1	08/10/17	DD	30 - 130 %
% Nitrobenzene-d5	56		%	1	08/10/17	DD	30 - 130 %
% Phenol-d5	64		%	1	08/10/17	DD	30 - 130 %
% Terphenyl-d14	60		%	1	08/10/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/11/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	15:00
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80618

Project ID: HAMILTON HILL II
Client ID: SS14

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	4680	47	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.1	3.1	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	< 0.63	0.63	mg/Kg	1	08/10/17	MA	SW6010C
Barium	23.3	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	< 0.25	0.25	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	341	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	< 0.31	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	4.74	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	2.74	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Copper	5.75	0.31	mg/kg	1	08/10/17	MA	SW6010C
Iron	7120	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Lead	6.61	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	794	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	267	3.1	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	5.32	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	387	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.31	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	72.7	4.7	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 2.8	2.8	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	9.95	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	17.0	0.31	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	94		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Ver 1

Project ID: HAMILTON HILL II
Client ID: SS14

Phoenix I.D.: BY80618

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/10/17	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS14

Phoenix I.D.: BY80618

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Fluoranthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	64		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	47		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorophenol	50		%	1	08/10/17	DD	30 - 130 %
% Nitrobenzene-d5	55		%	1	08/10/17	DD	30 - 130 %
% Phenol-d5	57		%	1	08/10/17	DD	30 - 130 %
% Terphenyl-d14	77		%	1	08/10/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	15:10
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80619

Project ID: HAMILTON HILL II
Client ID: SS15

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	7010	49	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.3	3.3	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	7.84	0.65	mg/Kg	1	08/10/17	MA	SW6010C
Barium	102	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.43	0.26	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	1670	4.9	mg/Kg	1	08/10/17	MA	SW6010C
Cadmium	0.67	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	13.4	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	4.52	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Copper	59.6	0.33	mg/kg	1	08/10/17	MA	SW6010C
Iron	10700	49	mg/Kg	10	08/10/17	MA	SW6010C
Lead	328	3.3	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	1370	4.9	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	309	3.3	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	1.25	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	10.4	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	614	4.9	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	08/10/17	MA	SW6010C
Silver	0.44	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	61.2	4.9	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 2.9	2.9	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	17.8	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	185	3.3	mg/Kg	10	08/10/17	MA	SW6010C
Percent Solid	90		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS15

Phoenix I.D.: BY80619

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chlorophenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitroaniline	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitrophenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.37	mg/Kg	1	08/10/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.44	mg/Kg	1	08/10/17	DD	SW8270D	
3-Nitroaniline	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.1	mg/Kg	1	08/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.37	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloroaniline	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitroaniline	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitrophenol	ND	1.1	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthylene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Acetophenone	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Anthracene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Atrazine	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Benz(a)anthracene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Benzaldehyde	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Caprolactam	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Carbazole	ND	0.37	mg/Kg	1	08/10/17	DD	SW8270D	
Chrysene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenzofuran	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	
Diethyl phthalate	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS15

Phoenix I.D.: BY80619

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-butylphthalate	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-octylphthalate	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Fluoranthene	0.33	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Fluorene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobenzene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobutadiene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Hexachloroethane	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Isophorone	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Naphthalene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Nitrobenzene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.37	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.37	mg/Kg	1	08/10/17	DD	SW8270D
Pentachlorophenol	ND	0.37	mg/Kg	1	08/10/17	DD	SW8270D
Phenanthrene	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Phenol	ND	0.26	mg/Kg	1	08/10/17	DD	SW8270D
Pyrene	0.28	0.26	mg/Kg	1	08/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	60		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	59		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorophenol	48		%	1	08/10/17	DD	30 - 130 %
% Nitrobenzene-d5	52		%	1	08/10/17	DD	30 - 130 %
% Phenol-d5	54		%	1	08/10/17	DD	30 - 130 %
% Terphenyl-d14	108		%	1	08/10/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	15:20
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80620

Project ID: HAMILTON HILL II
Client ID: SS16

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	6220	57	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.8	3.8	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	2.54	0.76	mg/Kg	1	08/10/17	MA	SW6010C
Barium	66.8	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.35	0.30	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	30400	57	mg/Kg	10	08/10/17	MA	SW6010C
Cadmium	0.46	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	8.80	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	4.98	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Copper	15.7	0.38	mg/kg	1	08/10/17	MA	SW6010C
Iron	10400	57	mg/Kg	10	08/10/17	MA	SW6010C
Lead	79.7	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	3630	5.7	mg/Kg	1	08/10/17	MA	SW6010C
Manganese	224	3.8	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.09	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	10.2	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	1400	5.7	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.38	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	177	5.7	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.4	3.4	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	15.6	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	123	0.38	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	93		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS16

Phoenix I.D.: BY80620

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.57	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitroaniline	ND	0.57	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitrophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.43	mg/Kg	1	08/10/17	DD	SW8270D	
3-Nitroaniline	ND	0.57	mg/Kg	1	08/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloroaniline	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitroaniline	ND	0.57	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthylene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Acetophenone	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Anthracene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Atrazine	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benz(a)anthracene	0.42	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzaldehyde	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(a)pyrene	0.37	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(b)fluoranthene	0.36	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(ghi)perylene	0.27	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(k)fluoranthene	0.28	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Caprolactam	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Carbazole	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	
Chrysene	0.45	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenzofuran	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Diethyl phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS16

Phoenix I.D.: BY80620

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-butylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-octylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Fluoranthene	0.93	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Fluorene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobutadiene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachloroethane	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	0.28	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Isophorone	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Naphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Nitrobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D
Pentachlorophenol	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D
Phenanthrene	0.53	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Phenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Pyrene	0.77	0.25	mg/Kg	1	08/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	70		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	60		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorophenol	48		%	1	08/10/17	DD	30 - 130 %
% Nitrobenzene-d5	45		%	1	08/10/17	DD	30 - 130 %
% Phenol-d5	60		%	1	08/10/17	DD	30 - 130 %
% Terphenyl-d14	69		%	1	08/10/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	15:40
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80621

Project ID: HAMILTON HILL II
Client ID: SS17

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	9040	54	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.6	3.6	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	5.00	0.71	mg/Kg	1	08/10/17	MA	SW6010C
Barium	219	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.47	0.29	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	53700	54	mg/Kg	10	08/10/17	MA	SW6010C
Cadmium	0.69	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	15.1	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	6.49	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Copper	24.9	0.36	mg/kg	1	08/10/17	MA	SW6010C
Iron	16100	54	mg/Kg	10	08/10/17	MA	SW6010C
Lead	103	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Magnesium	10900	54	mg/Kg	10	08/10/17	MA	SW6010C
Manganese	426	3.6	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.09	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	14.8	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	2140	5.4	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.36	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	415	5.4	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.2	3.2	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	23.4	0.36	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	172	3.6	mg/Kg	10	08/10/17	MA	SW6010C
Percent Solid	91		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS17

Phoenix I.D.: BY80621

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitroaniline	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitrophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.43	mg/Kg	1	08/10/17	DD	SW8270D	
3-Nitroaniline	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.1	mg/Kg	1	08/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloroaniline	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitroaniline	ND	0.58	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitrophenol	ND	1.1	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthylene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Acetophenone	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Anthracene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Atrazine	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benz(a)anthracene	0.74	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzaldehyde	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(a)pyrene	0.73	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(b)fluoranthene	0.73	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(ghi)perylene	0.48	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(k)fluoranthene	0.6	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	0.28	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Caprolactam	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Carbazole	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D	
Chrysene	0.85	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.18	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenzofuran	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Diethyl phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS17

Phoenix I.D.: BY80621

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-butylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-octylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Fluoranthene	1.1	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Fluorene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobutadiene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachloroethane	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	0.48	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Isophorone	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Naphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Nitrobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D
Pentachlorophenol	ND	0.36	mg/Kg	1	08/10/17	DD	SW8270D
Phenanthrene	1	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Phenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Pyrene	0.9	0.25	mg/Kg	1	08/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	73		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	62		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorophenol	61		%	1	08/10/17	DD	30 - 130 %
% Nitrobenzene-d5	64		%	1	08/10/17	DD	30 - 130 %
% Phenol-d5	67		%	1	08/10/17	DD	30 - 130 %
% Terphenyl-d14	65		%	1	08/10/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	15:45
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80622

Project ID: HAMILTON HILL II
Client ID: SS18

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	4280	50	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.3	3.3	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	13.4	0.66	mg/Kg	1	08/10/17	MA	SW6010C
Barium	176	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.40	0.27	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	49800	50	mg/Kg	10	08/10/17	MA	SW6010C
Cadmium	1.33	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	26.4	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	5.47	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Copper	47.5	0.33	mg/kg	1	08/10/17	MA	SW6010C
Iron	12500	50	mg/Kg	10	08/10/17	MA	SW6010C
Lead	640	3.3	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	24800	50	mg/Kg	10	08/10/17	MA	SW6010C
Manganese	213	3.3	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.41	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	13.2	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	1300	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.33	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	160	5.0	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.0	3.0	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	14.2	0.33	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	300	3.3	mg/Kg	10	08/10/17	MA	SW6010C
Percent Solid	94		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Ver 1

Project ID: HAMILTON HILL II
Client ID: SS18

Phoenix I.D.: BY80622

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	08/10/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	08/10/17	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Carbazole	ND	0.34	mg/Kg	1	08/10/17	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS18

Phoenix I.D.: BY80622

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Fluoranthene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	08/10/17	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	08/10/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	08/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	47		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	55		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorophenol	35		%	1	08/10/17	DD	30 - 130 %
% Nitrobenzene-d5	54		%	1	08/10/17	DD	30 - 130 %
% Phenol-d5	50		%	1	08/10/17	DD	30 - 130 %
% Terphenyl-d14	43		%	1	08/10/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 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

Analysis Report

August 17, 2017

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/07/17	16:00
Location Code:	CT-MALE	Received by:	LB	08/08/17	17:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY80605
Phoenix ID: BY80623

Project ID: HAMILTON HILL II
Client ID: SS19

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	5610	56	mg/Kg	10	08/10/17	MA	SW6010C
Antimony	< 3.7	3.7	mg/Kg	1	08/10/17	MA	SW6010C
Arsenic	3.64	0.75	mg/Kg	1	08/10/17	MA	SW6010C
Barium	75.8	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Beryllium	0.36	0.30	mg/Kg	1	08/10/17	MA	SW6010C
Calcium	23800	56	mg/Kg	10	08/10/17	MA	SW6010C
Cadmium	0.60	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Chromium	10.9	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Cobalt	5.56	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Copper	29.5	0.37	mg/kg	1	08/10/17	MA	SW6010C
Iron	12400	56	mg/Kg	10	08/10/17	MA	SW6010C
Lead	187	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Magnesium	12500	56	mg/Kg	10	08/10/17	MA	SW6010C
Manganese	255	3.7	mg/Kg	10	08/10/17	MA	SW6010C
Mercury	0.48	0.03	mg/Kg	1	08/10/17	RS	SW7471B
Nickel	11.7	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Potassium	1280	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	08/10/17	MA	SW6010C
Silver	< 0.37	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Sodium	124	5.6	mg/Kg	1	08/10/17	MA	SW6010C
Thallium	< 3.4	3.4	mg/Kg	1	08/10/17	MA	SW6010C
Vanadium	18.0	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Zinc	128	0.37	mg/Kg	1	08/10/17	MA	SW6010C
Percent Solid	93		%		08/08/17	q	SW846-%Solid
Soil Extraction for SVOA	Completed				08/09/17	UU/CKV	SW3545A
Mercury Digestion	Completed				08/10/17	Q/Q	SW7471B
Total Metals Digest	Completed				08/09/17	L/BF	SW3050B

Project ID: HAMILTON HILL II
Client ID: SS19

Phoenix I.D.: BY80623

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	08/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Chlorophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitroaniline	ND	0.56	mg/Kg	1	08/10/17	DD	SW8270D	
2-Nitrophenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/10/17	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	08/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chloroaniline	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	08/10/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthene	0.25	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Acenaphthylene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Acetophenone	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Anthracene	0.85	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Atrazine	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benz(a)anthracene	2.2	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzaldehyde	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(a)pyrene	1.6	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(b)fluoranthene	1.1	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(ghi)perylene	0.88	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzo(k)fluoranthene	0.88	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Caprolactam	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Carbazole	0.46	0.35	mg/Kg	1	08/10/17	DD	SW8270D	
Chrysene	2.4	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenz(a,h)anthracene	0.26	0.18	mg/Kg	1	08/10/17	DD	SW8270D	
Dibenzofuran	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	
Diethyl phthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D	

Project ID: HAMILTON HILL II
Client ID: SS19

Phoenix I.D.: BY80623

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-butylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Di-n-octylphthalate	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Fluoranthene	5.3	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Fluorene	0.31	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorobutadiene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Hexachloroethane	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	0.96	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Isophorone	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Naphthalene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Nitrobenzene	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.18	mg/Kg	1	08/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/10/17	DD	SW8270D
Phenanthrene	4.2	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Phenol	ND	0.25	mg/Kg	1	08/10/17	DD	SW8270D
Pyrene	4	0.25	mg/Kg	1	08/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	72		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	65		%	1	08/10/17	DD	30 - 130 %
% 2-Fluorophenol	54		%	1	08/10/17	DD	30 - 130 %
% Nitrobenzene-d5	64		%	1	08/10/17	DD	30 - 130 %
% Phenol-d5	64		%	1	08/10/17	DD	30 - 130 %
% Terphenyl-d14	62		%	1	08/10/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/10/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 17, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS1

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80605

Sample wt/vol: 15.18 (g/mL) g Lab File ID: 0808_32.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 8 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.646	950	JNA
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.929	91000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS2

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80606

Sample wt/vol: 15.17 (g/mL) g Lab File ID: 0808_37.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 15 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	1.899	420	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.038	18000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS3

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80607

Sample wt/vol: 15.08 (g/mL) g Lab File ID: 0809_30.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.300	1000	JNA
004161-60-8	2-Pentanone, 4-hydroxy-	1.410	770	JNA
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.560	34000	JNA
000629-97-0	Docosane	10.010	350	JN
	unknown hydrocarbon	10.910	330	J
054833-23-7	Eicosane, 10-methyl-	11.280	590	JN
	unknown hydrocarbon	12.470	620	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS4

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80608

Sample wt/vol: 15.33 (g/mL) g Lab File ID: 0808_38.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.787	300	JNA
004161-60-8	2-Pentanone, 4-hydroxy-	1.899	540	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.059	26000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

CLIENT ID

SS5

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80609

Sample wt/vol: 15.13 (g/mL) g Lab File ID: 0809_30.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 10 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.729	390	JNA
	unknown	1.847	580	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.996	21000	JNA
000192-97-2	Benzo[e]pyrene	11.372	1000	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS6

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80610

Sample wt/vol: 15.36 (g/mL) g Lab File ID: 0808_39.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 8 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	1.904	300	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.038	16000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

CLIENT ID

SS7

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80611

Sample wt/vol: 15.16 (g/mL) g Lab File ID: 0808_40.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 4 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.792	1200	JNA
	unknown	1.909	380	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.048	23000	JNA
	Hexadecane Isomer	5.916	280	JN
000544-76-3	Hexadecane	13.096	370	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

CLIENT ID

SS8

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80612

Sample wt/vol: 15.13 (g/mL) g Lab File ID: 0808_41.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.797	420	JNA
	unknown	1.909	500	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.059	32000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS9

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80613

Sample wt/vol: 15.27 (g/mL) g Lab File ID: 0808_42.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 4 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.786	520	JNA
	unknown	1.899	480	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.070	35000	JNA
000544-76-3	Hexadecane	11.408	400	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS10

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80614

Sample wt/vol: 15.31 (g/mL) g Lab File ID: 0808_43.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	1.899	290	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.043	20000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS11

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80615

Sample wt/vol: 15.39 (g/mL) g Lab File ID: 0809_14.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 4 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.516	630	JNA
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.800	55000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS12

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80616

Sample wt/vol: 15.36 (g/mL) g Lab File ID: 0809_13.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 08/09/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/9/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.590	1400	JNA
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.860	100000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS13

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80617

Sample wt/vol: 15.19 (g/mL) g Lab File ID: 0810_22.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 08/10/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/10/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.550	660	JNA
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.800	56000	JNA
002381-21-7	Pyrene, 1-methyl-	8.000	320	JN
000050-32-8	Benzo[a]pyrene	10.460	300	JN
	Unknown	10.640	540	J
000192-97-2	Benzo[e]pyrene	10.750	860	JN
	Unknown	16.550	540	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

CLIENT ID

SS14

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80618

Sample wt/vol: 15.36 (g/mL) g Lab File ID: 0809_15.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 08/10/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/10/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.580	3800	JNA
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.910	230000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS15

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80619

Sample wt/vol: 15.21 (g/mL) g Lab File ID: 0809_16.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 10 decanted:(Y/N) NA Date Extracted: 08/10/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/10/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.840	37000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS16

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80620

Sample wt/vol: 15.05 (g/mL) g Lab File ID: 0809_17.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 08/10/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/10/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.840	34000	JNA
000192-97-2	Benzo[e]pyrene	10.900	290	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS17

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80621

Sample wt/vol: 15.17 (g/mL) g Lab File ID: 0809_18.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 08/10/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/10/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
004161-60-8	2-Pentanone, 4-hydroxy-	1.700	340	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.830	16000	JNA
000203-64-5	4H-Cyclopenta[def]phenanthrene	7.080	400	JN
000192-97-2	Benzo[e]pyrene	10.920	540	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS18

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80622

Sample wt/vol: 15.47 (g/mL) g Lab File ID: 0809_19.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 08/10/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/10/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.580	620	JNA
	Unknown	1.700	280	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.830	23000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS19

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY80605

Matrix:(soil/water) SOIL Lab Sample ID: BY80623

Sample wt/vol: 15.25 (g/mL) g Lab File ID: 0809_20.D

Level: (low/med) Low Date Received: 08/08/17

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 08/10/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/10/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Unknown	1.700	400	J
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.840	33000	JNA
002531-84-2	Phenanthrene, 2-methyl-	7.010	360	JN
000203-64-5	4H-Cyclopenta[def]phenanthrene	7.090	720	JN
000084-65-1	9,10-Anthracenedione	7.270	350	JN
003442-78-2	Pyrene, 2-methyl-	8.000	370	JN
	11H-Benzo[b]fluorene Isomer	8.090	860	JN
000243-17-4	11H-Benzo[b]fluorene	8.150	430	JN
002381-21-7	Pyrene, 1-methyl-	8.180	350	JN
	11H-Benzo[a]fluoren-11-one Isomer	8.560	390	JN
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	8.660	460	JN
	Unknown	8.710	440	J
000479-79-8	11H-Benzo[a]fluoren-11-one	8.780	390	JN
002541-69-7	Benz[a]anthracene, 7-methyl-	9.450	390	JN
000192-97-2	Benzo[e]pyrene	10.930	1100	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

PHOENIX

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

QA/QC Report

August 17, 2017

QA/QC Data

SDG I.D.: GBY80605

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 396958 (mg/kg), QC Sample No: BY79991 (BY80605, BY80606, BY80607, BY80608, BY80609, BY80610, BY80611, BY80612, BY80613, BY80614)														
Mercury - Soil	BRL	0.02	0.30	0.20	40.0	101	102	1.0	72.0			70 - 130	30	m,r
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 397058 (mg/kg), QC Sample No: BY80605 (BY80605, BY80606, BY80607, BY80608, BY80609, BY80610, BY80611, BY80612, BY80613, BY80614, BY80615, BY80616, BY80617, BY80618, BY80619, BY80620, BY80621, BY80622, BY80623)														
ICP Metals - Soil														
Aluminum	BRL	5.0	13900	11300	20.6	98.2			NC			75 - 125	30	
Antimony	BRL	3.3	<3.7	<3.2	NC	77.3			70.5			75 - 125	30	m
Arsenic	BRL	0.67	7.65	6.42	17.5	91.5			77.8			75 - 125	30	
Barium	BRL	0.33	75.7	66.3	13.2	101			123			75 - 125	30	
Beryllium	BRL	0.27	0.76	0.73	NC	96.1			85.5			75 - 125	30	
Cadmium	BRL	0.33	1.01	0.85	NC	89.4			80.2			75 - 125	30	
Calcium	BRL	5.0	2500	2900	14.8	87.5			NC			75 - 125	30	
Chromium	BRL	0.33	18.6	17.3	7.20	98.9			90.4			75 - 125	30	
Cobalt	BRL	0.33	13.0	10.6	20.3	95.1			84.3			75 - 125	30	
Copper	BRL	0.33	36.8	31.7	14.9	101			94.3			75 - 125	30	
Iron	BRL	5.0	34600	28000	21.1	98.8			NC			75 - 125	30	
Lead	BRL	0.33	9.11	7.87	14.6	97.2			84.4			75 - 125	30	
Magnesium	BRL	5.0	6280	4570	31.5	99.3			NC			75 - 125	30	r
Manganese	BRL	0.33	545	453	18.4	96.6			115			75 - 125	30	
Nickel	BRL	0.33	31.0	24.2	24.6	94.5			80.3			75 - 125	30	
Potassium	BRL	5.0	2880	2510	13.7	100			>130			75 - 125	30	m
Selenium	BRL	1.3	<1.5	<1.3	NC	91.9			83.8			75 - 125	30	
Silver	BRL	0.33	<0.37	<0.32	NC	96.0			87.0			75 - 125	30	
Sodium	BRL	5.0	1220	1070	13.1	103			NC			75 - 125	30	
Thallium	BRL	3.0	<3.3	<2.9	NC	97.1			84.9			75 - 125	30	
Vanadium	BRL	0.33	28.8	26.8	7.20	106			96.0			75 - 125	30	
Zinc	BRL	0.33	85.5	67.3	23.8	90.1			75.0			75 - 125	30	
QA/QC Batch 397150 (mg/kg), QC Sample No: BY80615 (BY80615, BY80616, BY80617, BY80618, BY80619, BY80620, BY80621, BY80622, BY80623)														
Mercury - Soil	BRL	0.03	<0.03	<0.02	NC	94.4	96.1	1.8	93.1			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%.														

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

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 17, 2017

QA/QC Data

SDG I.D.: GBY80605

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 396822 (mg/Kg), QC Sample No: BY79991 (BY80605, BY80606, BY80607, BY80608, BY80609, BY80610, BY80611, BY80612, BY80613, BY80614)											
Semivolatiles - Soil											
1,1-Biphenyl	ND	0.23	72	64	11.8	63	72	13.3	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	80	70	13.3	71	75	5.5	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	82	69	17.2	72	84	15.4	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	83	71	15.6	73	83	12.8	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	81	69	16.0	70	82	15.8	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	84	72	15.4	71	79	10.7	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	76	65	15.6	64	66	3.1	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	<10	<10	NC	53	60	12.4	30 - 130	30	I
2,4-Dinitrotoluene	ND	0.13	84	76	10.0	68	79	15.0	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	83	74	11.5	68	76	11.1	30 - 130	30	
2-Chloronaphthalene	ND	0.23	76	70	8.2	66	74	11.4	30 - 130	30	
2-Chlorophenol	ND	0.23	73	65	11.6	64	63	1.6	30 - 130	30	
2-Methylnaphthalene	ND	0.23	72	64	11.8	64	67	4.6	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	77	66	15.4	65	66	1.5	30 - 130	30	
2-Nitroaniline	ND	0.33	97	85	13.2	71	93	26.8	30 - 130	30	
2-Nitrophenol	ND	0.23	67	58	14.4	59	60	1.7	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	82	71	14.4	69	72	4.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	78	65	18.2	22	26	16.7	30 - 130	30	m
3-Nitroaniline	ND	0.33	88	78	12.0	65	76	15.6	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	20	15	28.6	62	68	9.2	30 - 130	30	I
4-Bromophenyl phenyl ether	ND	0.23	83	73	12.8	70	82	15.8	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	81	70	14.6	67	76	12.6	30 - 130	30	
4-Chloroaniline	ND	0.23	76	67	12.6	56	60	6.9	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	79	72	9.3	67	75	11.3	30 - 130	30	
4-Nitroaniline	ND	0.23	76	67	12.6	62	72	14.9	30 - 130	30	
4-Nitrophenol	ND	0.23	66	57	14.6	60	76	23.5	30 - 130	30	
Acenaphthene	ND	0.23	78	71	9.4	69	78	12.2	30 - 130	30	
Acenaphthylene	ND	0.13	74	68	8.5	64	72	11.8	30 - 130	30	
Acetophenone	ND	0.23	72	63	13.3	63	62	1.6	30 - 130	30	
Anthracene	ND	0.23	82	72	13.0	68	77	12.4	30 - 130	30	
Atrazine	ND	0.13	84	71	16.8	67	81	18.9	30 - 130	30	
Benz(a)anthracene	ND	0.23	82	70	15.8	73	86	16.4	30 - 130	30	
Benzaldehyde	ND	0.23	22	25	12.8	65	87	28.9	30 - 130	30	I
Benzo(a)pyrene	ND	0.13	79	70	12.1	70	81	14.6	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	82	75	8.9	80	106	28.0	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	81	71	13.2	46	60	26.4	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	83	71	15.6	73	71	2.8	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	81	70	14.6	65	76	15.6	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	75	67	11.3	67	68	1.5	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	63	56	11.8	55	50	9.5	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-chloroisopropyl)ether	ND	0.23	58	52	10.9	50	49	2.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	81	69	16.0	66	77	15.4	30 - 130	30	
Caprolactam	ND	0.23	78	67	15.2	64	74	14.5	30 - 130	30	
Carbazole	ND	0.23	81	71	13.2	66	74	11.4	30 - 130	30	
Chrysene	ND	0.23	85	74	13.8	80	89	10.7	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	84	75	11.3	60	74	20.9	30 - 130	30	
Dibenzofuran	ND	0.23	76	71	6.8	68	76	11.1	30 - 130	30	
Diethyl phthalate	ND	0.23	80	71	11.9	65	75	14.3	30 - 130	30	
Dimethylphthalate	ND	0.23	80	70	13.3	65	76	15.6	30 - 130	30	
Di-n-butylphthalate	ND	0.23	82	70	15.8	62	74	17.6	30 - 130	30	
Di-n-octylphthalate	ND	0.23	82	68	18.7	64	76	17.1	30 - 130	30	
Fluoranthene	ND	0.23	82	72	13.0	92	94	2.2	30 - 130	30	
Fluorene	ND	0.23	77	72	6.7	70	77	9.5	30 - 130	30	
Hexachlorobenzene	ND	0.13	83	70	17.0	69	82	17.2	30 - 130	30	
Hexachlorobutadiene	ND	0.23	73	64	13.1	68	66	3.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	76	64	17.1	34	32	6.1	30 - 130	30	
Hexachloroethane	ND	0.13	63	56	11.8	55	51	7.5	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	81	70	14.6	51	64	22.6	30 - 130	30	
Isophorone	ND	0.13	69	61	12.3	61	61	0.0	30 - 130	30	
Naphthalene	ND	0.23	72	64	11.8	64	65	1.6	30 - 130	30	
Nitrobenzene	ND	0.13	71	63	11.9	62	60	3.3	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	67	59	12.7	57	50	13.1	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	73	65	11.6	63	62	1.6	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	81	71	13.2	67	75	11.3	30 - 130	30	
Pentachlorophenol	ND	0.23	44	33	28.6	46	54	16.0	30 - 130	30	
Phenanthrene	ND	0.13	79	70	12.1	95	89	6.5	30 - 130	30	
Phenol	ND	0.23	85	75	12.5	71	72	1.4	30 - 130	30	
Pyrene	ND	0.23	83	73	12.8	91	95	4.3	30 - 130	30	
% 2,4,6-Tribromophenol	64	%	73	62	16.3	69	79	13.5	30 - 130	30	
% 2-Fluorobiphenyl	63	%	70	64	9.0	64	69	7.5	30 - 130	30	
% 2-Fluorophenol	51	%	66	58	12.9	58	54	7.1	30 - 130	30	
% Nitrobenzene-d5	52	%	67	60	11.0	63	57	10.0	30 - 130	30	
% Phenol-d5	58	%	72	64	11.8	65	62	4.7	30 - 130	30	
% Terphenyl-d14	77	%	80	71	11.9	60	68	12.5	30 - 130	30	

Comment:

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 396982 (mg/Kg), QC Sample No: BY81323 (BY80616, BY80617, BY80618, BY80619, BY80620, BY80621, BY80622, BY80623)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	68	78	13.7	45	61	30.2	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	75	81	7.7	66	61	7.9	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	79	78	1.3	79	66	17.9	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	75	85	12.5	71	62	13.5	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	70	82	15.8	66	59	11.2	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	72	85	16.6	66	68	3.0	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	65	64	1.6	64	52	20.7	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	<10	<10	NC	34	27	23.0	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	0.13	78	84	7.4	76	61	21.9	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	73	85	15.2	66	59	11.2	30 - 130	30	
2-Chloronaphthalene	ND	0.23	71	78	9.4	47	64	30.6	30 - 130	30	r
2-Chlorophenol	ND	0.23	68	71	4.3	61	55	10.3	30 - 130	30	

QA/QC Data

SDG I.D.: GBY80605

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Methylnaphthalene	ND	0.23	62	64	3.2	59	55	7.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	73	78	6.6	62	54	13.8	30 - 130	30	
2-Nitroaniline	ND	0.33	92	97	5.3	102	84	19.4	30 - 130	30	
2-Nitrophenol	ND	0.23	57	66	14.6	53	46	14.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	81	78	3.8	68	63	7.6	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	71	69	2.9	61	57	6.8	30 - 130	30	
3-Nitroaniline	ND	0.33	81	87	7.1	81	76	6.4	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	18	29	46.8	65	53	20.3	30 - 130	30	l,r
4-Bromophenyl phenyl ether	ND	0.23	82	81	1.2	64	78	19.7	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	75	70	6.9	75	56	29.0	30 - 130	30	
4-Chloroaniline	ND	0.23	75	71	5.5	64	63	1.6	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	79	89	11.9	74	66	11.4	30 - 130	30	
4-Nitroaniline	ND	0.23	68	85	22.2	61	51	17.9	30 - 130	30	
4-Nitrophenol	ND	0.23	65	68	4.5	71	51	32.8	30 - 130	30	r
Acenaphthene	ND	0.23	74	88	17.3	64	65	1.6	30 - 130	30	
Acenaphthylene	ND	0.13	66	75	12.8	67	52	25.2	30 - 130	30	
Acetophenone	ND	0.23	69	73	5.6	55	58	5.3	30 - 130	30	
Anthracene	ND	0.23	70	78	10.8	72	72	0.0	30 - 130	30	
Atrazine	ND	0.13	78	71	9.4	76	81	6.4	30 - 130	30	
Benz(a)anthracene	ND	0.23	71	80	11.9	75	68	9.8	30 - 130	30	
Benzaldehyde	ND	0.23	24	29	18.9	64	59	8.1	30 - 130	30	l
Benzo(a)pyrene	ND	0.13	76	78	2.6	73	66	10.1	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	78	79	1.3	77	72	6.7	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	77	79	2.6	75	68	9.8	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	82	83	1.2	78	66	16.7	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	77	80	3.8	75	61	20.6	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	64	68	6.1	52	64	20.7	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	57	60	5.1	55	42	26.8	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	0.23	55	61	10.3	45	42	6.9	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	74	81	9.0	77	66	15.4	30 - 130	30	
Caprolactam	ND	0.23	68	73	7.1	59	61	3.3	30 - 130	30	
Carbazole	ND	0.23	80	75	6.5	72	87	18.9	30 - 130	30	
Chrysene	ND	0.23	80	84	4.9	79	70	12.1	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	81	82	1.2	78	72	8.0	30 - 130	30	
Dibenzofuran	ND	0.23	75	77	2.6	68	64	6.1	30 - 130	30	
Diethyl phthalate	ND	0.23	75	92	20.4	71	56	23.6	30 - 130	30	
Dimethylphthalate	ND	0.23	70	87	21.7	74	54	31.3	30 - 130	30	r
Di-n-butylphthalate	ND	0.23	82	84	2.4	69	93	29.6	30 - 130	30	
Di-n-octylphthalate	ND	0.23	76	80	5.1	76	89	15.8	30 - 130	30	
Fluoranthene	ND	0.23	75	103	31.5	94	88	6.6	30 - 130	30	r
Fluorene	ND	0.23	79	85	7.3	71	61	15.2	30 - 130	30	
Hexachlorobenzene	ND	0.13	74	74	0.0	68	77	12.4	30 - 130	30	
Hexachlorobutadiene	ND	0.23	66	62	6.3	49	62	23.4	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	63	67	6.2	56	56	0.0	30 - 130	30	
Hexachloroethane	ND	0.13	60	61	1.7	48	35	31.3	30 - 130	30	r
Indeno(1,2,3-cd)pyrene	ND	0.23	76	78	2.6	74	67	9.9	30 - 130	30	
Isophorone	ND	0.13	59	64	8.1	46	47	2.2	30 - 130	30	
Naphthalene	ND	0.23	70	73	4.2	59	58	1.7	30 - 130	30	
Nitrobenzene	ND	0.13	65	64	1.6	68	43	45.0	30 - 130	30	r
N-Nitrosodimethylamine	ND	0.23	83	85	2.4	78	71	9.4	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	75	72	4.1	61	61	0.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	77	96	22.0	72	69	4.3	30 - 130	30	
Pentachlorophenol	ND	0.23	31	38	20.3	62	43	36.2	30 - 130	30	r

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Phenanthrene	ND	0.13	75	70	6.9	69	67	2.9	30 - 130	30	
Phenol	ND	0.23	80	90	11.8	78	55	34.6	30 - 130	30	r
Pyrene	ND	0.23	84	106	23.2	97	88	9.7	30 - 130	30	
% 2,4,6-Tribromophenol	49	%	67	70	4.4	67	82	20.1	30 - 130	30	
% 2-Fluorobiphenyl	44	%	65	69	6.0	60	55	8.7	30 - 130	30	
% 2-Fluorophenol	49	%	58	55	5.3	51	42	19.4	30 - 130	30	
% Nitrobenzene-d5	58	%	61	62	1.6	63	40	44.7	30 - 130	30	r
% Phenol-d5	61	%	68	75	9.8	64	45	34.9	30 - 130	30	r
% Terphenyl-d14	67	%	78	100	24.7	94	60	44.2	30 - 130	30	r

Comment:

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 396983 (mg/Kg), QC Sample No: BY81358 (BY80615)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	62	62	0.0	62	58	6.7	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	70	66	5.9	71	69	2.9	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	65	65	0.0	68	64	6.1	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	75	75	0.0	76	72	5.4	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	72	72	0.0	72	67	7.2	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	76	73	4.0	77	73	5.3	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	74	72	2.7	83	77	7.5	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	<10	<10	NC	30	27	10.5	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	0.13	76	78	2.6	72	68	5.7	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	69	70	1.4	66	62	6.3	30 - 130	30	
2-Chloronaphthalene	ND	0.23	68	68	0.0	68	64	6.1	30 - 130	30	
2-Chlorophenol	ND	0.23	68	62	9.2	62	59	5.0	30 - 130	30	
2-Methylnaphthalene	ND	0.23	65	62	4.7	68	65	4.5	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	75	72	4.1	73	69	5.6	30 - 130	30	
2-Nitroaniline	ND	0.33	87	90	3.4	101	94	7.2	30 - 130	30	
2-Nitrophenol	ND	0.23	71	68	4.3	71	68	4.3	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	70	48	37.3	66	61	7.9	30 - 130	30	r
3,3'-Dichlorobenzidine	ND	0.13	74	82	10.3	79	79	0.0	30 - 130	30	
3-Nitroaniline	ND	0.33	70	71	1.4	75	70	6.9	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	24	14	52.6	39	35	10.8	30 - 130	30	l,r
4-Bromophenyl phenyl ether	ND	0.23	82	81	1.2	74	70	5.6	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	80	78	2.5	82	76	7.6	30 - 130	30	
4-Chloroaniline	ND	0.23	72	72	0.0	75	70	6.9	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	65	65	0.0	64	59	8.1	30 - 130	30	
4-Nitroaniline	ND	0.23	76	76	0.0	72	68	5.7	30 - 130	30	
4-Nitrophenol	ND	0.23	68	67	1.5	74	57	26.0	30 - 130	30	
Acenaphthene	ND	0.23	72	72	0.0	71	67	5.8	30 - 130	30	
Acenaphthylene	ND	0.13	69	69	0.0	67	65	3.0	30 - 130	30	
Acetophenone	ND	0.23	67	62	7.8	61	58	5.0	30 - 130	30	
Anthracene	ND	0.23	80	79	1.3	77	72	6.7	30 - 130	30	
Atrazine	ND	0.13	81	81	0.0	75	70	6.9	30 - 130	30	
Benz(a)anthracene	ND	0.23	82	82	0.0	74	71	4.1	30 - 130	30	
Benzaldehyde	ND	0.23	28	26	7.4	46	53	14.1	30 - 130	30	l
Benzo(a)pyrene	ND	0.13	73	73	0.0	66	62	6.3	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	74	75	1.3	71	67	5.8	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	79	80	1.3	65	60	8.0	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	74	72	2.7	70	65	7.4	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	87	84	3.5	74	69	7.0	30 - 130	30	

QA/QC Data

SDG I.D.: GBY80605

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-chloroethoxy)methane	ND	0.23	74	69	7.0	73	71	2.8	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	57	50	13.1	51	47	8.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	0.23	57	52	9.2	52	50	3.9	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	99	97	2.0	55	50	9.5	30 - 130	30	
Caprolactam	ND	0.23	77	72	6.7	74	70	5.6	30 - 130	30	
Carbazole	ND	0.23	80	80	0.0	76	71	6.8	30 - 130	30	
Chrysene	ND	0.23	81	80	1.2	79	75	5.2	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	80	79	1.3	70	64	9.0	30 - 130	30	
Dibenzofuran	ND	0.23	74	74	0.0	71	66	7.3	30 - 130	30	
Diethyl phthalate	ND	0.23	77	76	1.3	73	68	7.1	30 - 130	30	
Dimethylphthalate	ND	0.23	75	76	1.3	71	67	5.8	30 - 130	30	
Di-n-butylphthalate	ND	0.23	87	88	1.1	77	72	6.7	30 - 130	30	
Di-n-octylphthalate	ND	0.23	88	89	1.1	77	72	6.7	30 - 130	30	
Fluoranthene	ND	0.23	76	77	1.3	72	68	5.7	30 - 130	30	
Fluorene	ND	0.23	70	71	1.4	69	66	4.4	30 - 130	30	
Hexachlorobenzene	ND	0.13	78	78	0.0	76	72	5.4	30 - 130	30	
Hexachlorobutadiene	ND	0.23	67	62	7.8	69	68	1.5	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	54	50	7.7	28	24	15.4	30 - 130	30	m
Hexachloroethane	ND	0.13	60	53	12.4	53	50	5.8	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	80	81	1.2	66	61	7.9	30 - 130	30	
Isophorone	ND	0.13	67	63	6.2	66	63	4.7	30 - 130	30	
Naphthalene	ND	0.23	65	61	6.3	69	67	2.9	30 - 130	30	
Nitrobenzene	ND	0.13	67	62	7.8	61	59	3.3	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	59	52	12.6	51	49	4.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	67	61	9.4	62	58	6.7	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	75	75	0.0	73	66	10.1	30 - 130	30	
Pentachlorophenol	ND	0.23	45	40	11.8	61	58	5.0	30 - 130	30	
Phenanthrene	ND	0.13	75	74	1.3	73	68	7.1	30 - 130	30	
Phenol	ND	0.23	74	69	7.0	67	62	7.8	30 - 130	30	
Pyrene	ND	0.23	75	77	2.6	76	71	6.8	30 - 130	30	
% 2,4,6-Tribromophenol	59	%	77	75	2.6	75	73	2.7	30 - 130	30	
% 2-Fluorobiphenyl	63	%	64	62	3.2	63	60	4.9	30 - 130	30	
% 2-Fluorophenol	45	%	62	57	8.4	56	54	3.6	30 - 130	30	
% Nitrobenzene-d5	51	%	64	59	8.1	59	58	1.7	30 - 130	30	
% Phenol-d5	51	%	70	65	7.4	60	59	1.7	30 - 130	30	
% Terphenyl-d14	73	%	75	76	1.3	73	68	7.1	30 - 130	30	

Comment:

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
August 17, 2017

Thursday, August 17, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY80605 - CT-MALE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL

*** No Data to Display ***

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

August 17, 2017 SDG I.D.: GBY80605

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

SVOA Narration

CHEM05 08/09/17-1: BY80607

The following Initial Calibration compounds did not meet RSD% criteria: 2,4-Dinitrophenol 34% (20%), 2-Nitroaniline 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.070 (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 0.075 (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%.

CHEM06 08/08/17-1: BY80605

The following Initial Calibration compounds did not meet RSD% criteria: 2,4-Dinitrophenol 61% (20%), 4,6-Dinitro-2-methylphenol 31% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: 2,4-Dinitrophenol 61% (40%)
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.061 (0.1), Hexachlorobenzene 0.077 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 2,4-Dinitrophenol 33%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.060 (0.1), Hexachlorobenzene 0.076 (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%.

CHEM06 08/09/17-1: BY80616, BY80618, BY80619, BY80620, BY80621, BY80622, BY80623

The following Initial Calibration compounds did not meet RSD% criteria: 2,4-Dinitrophenol 61% (20%), 4,6-Dinitro-2-methylphenol 31% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: 2,4-Dinitrophenol 61% (40%)
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.061 (0.1), Hexachlorobenzene 0.077 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: N-Nitrosodimethylamine 49%H (30%), Pentachlorophenol 34%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: N-Nitrosodimethylamine 49%H (40%)
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.060 (0.1), Hexachlorobenzene 0.076 (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%.

CHEM06 08/10/17-1: BY80617

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

August 17, 2017 SDG I.D.: GBY80605

The following Initial Calibration compounds did not meet RSD% criteria: 2,4-Dinitrophenol 61% (20%), 4,6-Dinitro-2-methylphenol 31% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: 2,4-Dinitrophenol 61% (40%)
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.061 (0.1), Hexachlorobenzene 0.077 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 2,4-Dinitrophenol 44%H (30%), Di-n-octylphthalate 38%H (30%), N-Nitrosodimethylamine 39%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: 2,4-Dinitrophenol 44%H (40%)
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.053 (0.1), Hexachlorobenzene 0.075 (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%.

CHEM25 08/09/17-1: BY80615
The following Initial Calibration compounds did not meet RSD% criteria: 2-Nitroaniline 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.045 (0.1), Hexachlorobenzene 0.072 (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 0.044 (0.1), Hexachlorobenzene 0.072 (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%.

CHEM29 08/08/17-1: BY80606, BY80608, BY80610, BY80611, BY80612, BY80613, BY80614
The following Initial Calibration compounds did not meet RSD% criteria: 2,4-Dinitrophenol 38% (20%), 4,6-Dinitro-2-methylphenol 26% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.038 (0.1), Hexachlorobenzene 0.082 (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 0.042 (0.1), Hexachlorobenzene 0.084 (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%.

CHEM29 08/09/17-1: BY80609
The following Initial Calibration compounds did not meet RSD% criteria: 1,1-Biphenyl 22% (20%), 2,4-Dinitrophenol 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.048 (0.1), Hexachlorobenzene 0.082 (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 0.048 (0.1), Hexachlorobenzene 0.084 (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%.

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

August 17, 2017

SDG I.D.: GBY80605

The samples in this delivery group were received at 2.3°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2.3 °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: a.gates@ctmale.com

Customer: C.T. Male Associates
Address: 50 Century Hill Drive
Latham, NY 12110

Project: Hamilton Hill II
Report to: Aimee Gates
Invoice to: Aimee Gates

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Ryan Hill Date: 08/07/17

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: TCL SVOCs EPA Method 8270; TAL Metals

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL SVOCs	TAL Metals	Soil VOA Vials [ ] methanol [ ] 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
80605	SS1	S	8/7/17	1235	X	X						2				
80606	SS2	S		1240	X	X						2				
80607	SS3	S		1255	X	X						2				
80608	SS4	S		1305	X	X						2				
80609	SS5	S		1315	X	X						2				
80610	SS6	S		1325	X	X						2				
80611	SS7	S		1345	X	X						2				
80612	SS8	S		1355	X	X						2				
80613	SS9	S		1405	X	X						2				
80614	SS10	S		1415	X	X						2				
80615	SS11	S		1435	X	X						2				

Relinquished by:	Accepted by:	Date:	Time:
		08/07/17	1635
		8.8.17	330
	Krystal Burke	8.8.17	17:40

Comments, Special Requirements or Regulations:

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
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[ ] Excel
[X] 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

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2.3 °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: a.gates@ctmale.com

Customer: CT Male Associates
Address: 50 Century Hill Drive
Latham, NY 12110

Project: Hamilton Hill II
Report to: Aimee Gates
Invoice to: Aimee Gates

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Ryan Hall Date: 08/07/17

Client Sample - Information - Identification

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	TCL SVOCs	TAL Metals	EPA Method 8270	Soil VOA Vials [ ] methanol [ ] 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
806116	SS12	S	8/7/17	1445	X	X										2	
806117	SS13	S		1455	X	X										2	
806118	SS14	S		1500	X	X										2	
806119	SS15	S		1510	X	X										2	
806120	SS16	S		1520	X	X										2	
806121	SS17	S		1540	X	X										2	
806122	SS18	S		1545	X	X										2	
806123	SS19	S		1600	X	X										2	

Relinquished by:	Accepted by:	Date:	Time:
Ryan Hall	Gregory Gutchall	08/07/17	1635
Gregory Gutchall	Kuepal Bhee	8-8-17	17:40
Kuepal Bhee			

Comments, Special Requirements or Regulations:

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
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[ ] Excel
[X] 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

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 24, 2017

Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Project ID: TARGET AREA 1
Sample ID#s: BY87216 - BY87217

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 #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.
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

August 24, 2017

FOR: Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/18/17	10:30
Location Code:	CT-MALE	Received by:	SW	08/18/17	16:59
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	166334				

Laboratory Data

SDG ID: GBY87216
Phoenix ID: BY87216

Project ID: TARGET AREA 1
Client ID: SS-20

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Aluminum	4360	52	mg/Kg	10	08/23/17	MA	SW6010C	
Antimony	< 3.5	3.5	mg/Kg	1	08/23/17	MA	SW6010C	
Arsenic	2.47	0.70	mg/Kg	1	08/23/17	MA	SW6010C	
Barium	29.9	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Beryllium	< 0.28	0.28	mg/Kg	1	08/23/17	MA	SW6010C	
Calcium	8040	52	mg/Kg	10	08/23/17	MA	SW6010C	
Cadmium	< 0.35	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Chromium	6.50	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Cobalt	4.54	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Copper	12.9	0.35	mg/kg	1	08/23/17	MA	SW6010C	
Iron	10100	52	mg/Kg	10	08/23/17	MA	SW6010C	B
Lead	23.2	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Magnesium	1880	5.2	mg/Kg	1	08/23/17	MA	SW6010C	
Manganese	210	3.5	mg/Kg	10	08/23/17	MA	SW6010C	
Mercury	0.06	0.03	mg/Kg	1	08/22/17	RS	SW7471B	
Nickel	9.15	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Potassium	742	5.2	mg/Kg	1	08/23/17	MA	SW6010C	B
Selenium	< 1.4	1.4	mg/Kg	1	08/23/17	MA	SW6010C	
Silver	< 0.35	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Sodium	58.6	5.2	mg/Kg	1	08/23/17	MA	SW6010C	B
Thallium	< 3.1	3.1	mg/Kg	1	08/23/17	MA	SW6010C	
Vanadium	14.4	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Zinc	38.4	0.35	mg/Kg	1	08/23/17	MA	SW6010C	B
Percent Solid	93		%		08/18/17	I	SW846-%Solid	
Soil Extraction for SVOA	Completed				08/21/17	BC/JCK	SW3545A	
Mercury Digestion	Completed				08/22/17	I/I	SW7471B	
Total Metals Digest	Completed				08/21/17	B/AG	SW3050B	

Ver 1

Project ID: TARGET AREA 1
Client ID: SS-20

Phoenix I.D.: BY87216

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Nitroaniline	ND	0.56	mg/Kg	1	08/22/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	08/22/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	08/22/17	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	08/22/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	08/22/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	08/22/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	08/22/17	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	08/22/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Carbazole	ND	0.35	mg/Kg	1	08/22/17	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.17	mg/Kg	1	08/22/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	

Project ID: TARGET AREA 1
Client ID: SS-20

Phoenix I.D.: BY87216

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Fluoranthene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	08/22/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/22/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	08/22/17	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	08/22/17	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	37		%	1	08/22/17	DD	30 - 130 %
% 2-Fluorobiphenyl	37		%	1	08/22/17	DD	30 - 130 %
% 2-Fluorophenol	33		%	1	08/22/17	DD	30 - 130 %
% Nitrobenzene-d5	41		%	1	08/22/17	DD	30 - 130 %
% Phenol-d5	38		%	1	08/22/17	DD	30 - 130 %
% Terphenyl-d14	34		%	1	08/22/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/22/17	DD	

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:

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

Phyllis Shiller, Laboratory Director
August 24, 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

Analysis Report

August 24, 2017

FOR: Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RH	08/18/17	11:10
Location Code:	CT-MALE	Received by:	SW	08/18/17	16:59
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	166334				

Laboratory Data

SDG ID: GBY87216
Phoenix ID: BY87217

Project ID: TARGET AREA 1
Client ID: SS-21

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Aluminum	5920	52	mg/Kg	10	08/23/17	MA	SW6010C	
Antimony	< 3.5	3.5	mg/Kg	1	08/23/17	MA	SW6010C	
Arsenic	4.04	0.70	mg/Kg	1	08/23/17	MA	SW6010C	
Barium	79.7	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Beryllium	0.36	0.28	mg/Kg	1	08/23/17	MA	SW6010C	
Calcium	13800	52	mg/Kg	10	08/23/17	MA	SW6010C	
Cadmium	< 0.35	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Chromium	12.8	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Cobalt	6.22	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Copper	20.7	0.35	mg/kg	1	08/23/17	MA	SW6010C	
Iron	12700	52	mg/Kg	10	08/23/17	MA	SW6010C	B
Lead	257	3.5	mg/Kg	10	08/23/17	MA	SW6010C	
Magnesium	5970	52	mg/Kg	10	08/23/17	MA	SW6010C	
Manganese	276	3.5	mg/Kg	10	08/23/17	MA	SW6010C	
Mercury	0.12	0.03	mg/Kg	1	08/22/17	RS	SW7471B	
Nickel	15.0	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Potassium	1110	5.2	mg/Kg	1	08/23/17	MA	SW6010C	B
Selenium	< 1.4	1.4	mg/Kg	1	08/23/17	MA	SW6010C	
Silver	< 0.35	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Sodium	90.5	5.2	mg/Kg	1	08/23/17	MA	SW6010C	B
Thallium	< 3.1	3.1	mg/Kg	1	08/23/17	MA	SW6010C	
Vanadium	20.6	0.35	mg/Kg	1	08/23/17	MA	SW6010C	
Zinc	96.2	0.35	mg/Kg	1	08/23/17	MA	SW6010C	B
Percent Solid	97		%		08/18/17	I	SW846-%Solid	
Soil Extraction for SVOA	Completed				08/21/17	BC/JCK	SW3545A	
Mercury Digestion	Completed				08/22/17	I/I	SW7471B	
Total Metals Digest	Completed				08/21/17	B/AG	SW3050B	

Project ID: TARGET AREA 1
Client ID: SS-21

Phoenix I.D.: BY87217

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles								
1,1-Biphenyl	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	08/22/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Chloronaphthalene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Chlorophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Methylnaphthalene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
2-Nitroaniline	ND	0.55	mg/Kg	1	08/22/17	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	08/22/17	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	08/22/17	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	08/22/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	0.99	mg/Kg	1	08/22/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	08/22/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	08/22/17	DD	SW8270D	
4-Nitrophenol	ND	0.99	mg/Kg	1	08/22/17	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benz(a)anthracene	0.25	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(a)pyrene	0.38	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(b)fluoranthene	0.32	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(ghi)perylene	0.38	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzo(k)fluoranthene	0.32	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Carbazole	ND	0.34	mg/Kg	1	08/22/17	DD	SW8270D	
Chrysene	0.35	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Dibenz(a,h)anthracene	0.26	0.17	mg/Kg	1	08/22/17	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D	

Project ID: TARGET AREA 1
Client ID: SS-21

Phoenix I.D.: BY87217

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Di-n-butylphthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Di-n-octylphthalate	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Fluoranthene	0.56	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Fluorene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachlorobenzene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachlorobutadiene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Hexachloroethane	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	0.39	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Isophorone	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Naphthalene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Nitrobenzene	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	08/22/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	0.17	mg/Kg	1	08/22/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	08/22/17	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	08/22/17	DD	SW8270D
Phenanthrene	0.29	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	08/22/17	DD	SW8270D
Pyrene	0.5	0.24	mg/Kg	1	08/22/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	60		%	1	08/22/17	DD	30 - 130 %
% 2-Fluorobiphenyl	59		%	1	08/22/17	DD	30 - 130 %
% 2-Fluorophenol	39		%	1	08/22/17	DD	30 - 130 %
% Nitrobenzene-d5	54		%	1	08/22/17	DD	30 - 130 %
% Phenol-d5	50		%	1	08/22/17	DD	30 - 130 %
% Terphenyl-d14	56		%	1	08/22/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				08/22/17	DD	

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:

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.
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Phyllis Shiller, Laboratory Director
August 24, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS-20

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY87216

Matrix:(soil/water) SOIL Lab Sample ID: BY87216

Sample wt/vol: 15.4 (g/mL) g Lab File ID: 0821_45.D

Level: (low/med) Low Date Received: 08/18/17

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 08/22/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/22/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.873	21000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: SS-21

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBY87216

Matrix:(soil/water) SOIL Lab Sample ID: BY87217

Sample wt/vol: 15.07 (g/mL) g Lab File ID: 0821_35.D

Level: (low/med) Low Date Received: 08/18/17

% Moisture: not dec. 3 decanted:(Y/N) NA Date Extracted: 08/22/17

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 8/22/2017

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.397	750	JNA
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.632	23000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

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

August 24, 2017

QA/QC Data

SDG I.D.: GBY87216

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 398644 (mg/kg), QC Sample No: BY87116 (BY87216, BY87217)														
ICP Metals - Soil														
Aluminum	BRL	4.9	9590	9540	0.50	97.9			NC			75 - 125	30	
Antimony	BRL	3.3	<3.7	<3.5	NC	105			92.6			75 - 125	30	
Arsenic	BRL	0.66	1.65	2.18	NC	95.6			93.7			75 - 125	30	
Barium	BRL	0.33	46.9	59.5	23.7	100			106			75 - 125	30	
Beryllium	BRL	0.26	0.48	0.55	NC	104			103			75 - 125	30	
Cadmium	BRL	0.33	<0.37	<0.35	NC	104			102			75 - 125	30	
Calcium	BRL	4.9	2130	1890	11.9	80.7			NC			75 - 125	30	
Chromium	BRL	0.33	33.6	24.7	30.5	105			95.2			75 - 125	30	
Cobalt	BRL	0.33	9.10	10.1	10.4	105			104			75 - 125	30	
Copper	BRL	0.33	31.8	37.4	16.2	105			114			75 - 125	30	
Iron	15.9	4.9	17800	21100	17.0	103			NC			75 - 125	30	
Lead	BRL	0.33	5.24	6.21	16.9	96.9			105			75 - 125	30	
Magnesium	BRL	4.9	3790	2930	25.6	102			NC			75 - 125	30	
Manganese	BRL	0.33	423	397	6.30	104			>130			75 - 125	30	m
Nickel	BRL	0.33	13.8	12.2	12.3	105			104			75 - 125	30	
Potassium	5.2	4.9	1900	1770	7.10	87.8			>130			75 - 125	30	m
Selenium	BRL	1.3	<1.5	<1.4	NC	94.8			86.5			75 - 125	30	
Silver	BRL	0.33	<0.37	<0.35	NC	98.7			101			75 - 125	30	
Sodium	5.3	4.9	642	550	15.4	95.8			>130			75 - 125	30	m
Thallium	BRL	3.0	<0.6	<3.1	NC	108			108			75 - 125	30	
Vanadium	BRL	0.33	44.4	44.7	0.70	112			97.5			75 - 125	30	
Zinc	0.33	0.33	37.4	39.0	4.20	103			101			75 - 125	30	
QA/QC Batch 398696 (mg/kg), QC Sample No: BY87216 (BY87216, BY87217)														
Mercury - Soil	BRL	0.03	0.06	0.05	NC	100	97.7	2.3	92.9			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%.

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

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 24, 2017

QA/QC Data

SDG I.D.: GBY87216

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 398608 (mg/Kg), QC Sample No: BY87089 (BY87216)											
Semivolatiles - Soil											
1,1-Biphenyl	ND	0.23	55	67	19.7	58	61	5.0	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	53	63	17.2	60	61	1.7	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	58	69	17.3	41	42	2.4	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	60	73	19.5	41	57	32.7	30 - 130	30	r
2,4,6-Trichlorophenol	ND	0.13	60	74	20.9	43	47	8.9	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	59	70	17.1	62	67	7.8	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	63	73	14.7	43	61	34.6	30 - 130	30	r
2,4-Dinitrophenol	ND	0.23	<10	<10	NC	20	15	28.6	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	0.13	60	75	22.2	66	70	5.9	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	61	74	19.3	66	70	5.9	30 - 130	30	
2-Chloronaphthalene	ND	0.23	57	70	20.5	61	64	4.8	30 - 130	30	
2-Chlorophenol	ND	0.23	56	68	19.4	57	57	0.0	30 - 130	30	
2-Methylnaphthalene	ND	0.23	52	63	19.1	78	83	6.2	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	60	73	19.5	48	55	13.6	30 - 130	30	
2-Nitroaniline	ND	0.33	75	88	16.0	79	79	0.0	30 - 130	30	
2-Nitrophenol	ND	0.23	59	71	18.5	59	62	5.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	57	69	19.0	39	47	18.6	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	72	87	18.9	77	81	5.1	30 - 130	30	
3-Nitroaniline	ND	0.33	70	81	14.6	74	76	2.7	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	19	15	23.5	29	24	18.9	30 - 130	30	l,m
4-Bromophenyl phenyl ether	ND	0.23	62	74	17.6	67	67	0.0	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	62	72	14.9	29	58	66.7	30 - 130	30	m,r
4-Chloroaniline	ND	0.23	61	71	15.2	71	73	2.8	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	55	66	18.2	63	64	1.6	30 - 130	30	
4-Nitroaniline	ND	0.23	64	76	17.1	71	74	4.1	30 - 130	30	
4-Nitrophenol	ND	0.23	61	74	19.3	17	23	30.0	30 - 130	30	m
Acenaphthene	ND	0.23	61	73	17.9	67	71	5.8	30 - 130	30	
Acenaphthylene	ND	0.13	55	67	19.7	60	64	6.5	30 - 130	30	
Acetophenone	ND	0.23	51	61	17.9	55	57	3.6	30 - 130	30	
Anthracene	ND	0.23	63	77	20.0	70	73	4.2	30 - 130	30	
Atrazine	ND	0.13	61	73	17.9	67	69	2.9	30 - 130	30	
Benz(a)anthracene	ND	0.23	59	70	17.1	60	64	6.5	30 - 130	30	
Benzaldehyde	ND	0.23	18	23	24.4	35	40	13.3	30 - 130	30	l
Benzo(a)pyrene	ND	0.13	56	66	16.4	55	59	7.0	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	57	72	23.3	57	65	13.1	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	60	71	16.8	52	55	5.6	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	63	72	13.3	67	66	1.5	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	59	68	14.2	65	66	1.5	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	57	68	17.6	69	70	1.4	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	47	55	15.7	51	56	9.3	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	0.23	47	56	17.5	54	54	0.0	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-ethylhexyl)phthalate	ND	0.23	64	76	17.1	73	74	1.4	30 - 130	30	
Caprolactam	ND	0.23	54	67	21.5	69	69	0.0	30 - 130	30	
Carbazole	ND	0.23	61	77	23.2	70	72	2.8	30 - 130	30	
Chrysene	ND	0.23	65	78	18.2	70	74	5.6	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	64	76	17.1	60	63	4.9	30 - 130	30	
Dibenzofuran	ND	0.23	60	73	19.5	64	68	6.1	30 - 130	30	
Diethyl phthalate	ND	0.23	57	69	19.0	66	70	5.9	30 - 130	30	
Dimethylphthalate	ND	0.23	62	75	19.0	67	69	2.9	30 - 130	30	
Di-n-butylphthalate	ND	0.23	64	78	19.7	68	68	0.0	30 - 130	30	
Di-n-octylphthalate	ND	0.23	63	76	18.7	68	70	2.9	30 - 130	30	
Fluoranthene	ND	0.23	61	74	19.3	55	56	1.8	30 - 130	30	
Fluorene	ND	0.23	56	67	17.9	65	67	3.0	30 - 130	30	
Hexachlorobenzene	ND	0.13	65	78	18.2	72	72	0.0	30 - 130	30	
Hexachlorobutadiene	ND	0.23	50	62	21.4	55	55	0.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	52	58	10.9	24	23	4.3	30 - 130	30	m
Hexachloroethane	ND	0.13	48	58	18.9	50	49	2.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	61	71	15.2	51	53	3.8	30 - 130	30	
Isophorone	ND	0.13	53	63	17.2	62	64	3.2	30 - 130	30	
Naphthalene	ND	0.23	52	64	20.7	58	60	3.4	30 - 130	30	
Nitrobenzene	ND	0.13	54	66	20.0	68	66	3.0	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	53	64	18.8	39	39	0.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	56	66	16.4	66	68	3.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	60	72	18.2	65	68	4.5	30 - 130	30	
Pentachlorophenol	ND	0.23	50	54	7.7	15	11	30.8	30 - 130	30	m,r
Phenanthrene	ND	0.13	60	73	19.5	64	64	0.0	30 - 130	30	
Phenol	ND	0.23	61	69	12.3	60	62	3.3	30 - 130	30	
Pyrene	ND	0.23	61	77	23.2	54	57	5.4	30 - 130	30	
% 2,4,6-Tribromophenol	48	%	68	80	16.2	47	53	12.0	30 - 130	30	
% 2-Fluorobiphenyl	46	%	56	69	20.8	59	62	5.0	30 - 130	30	
% 2-Fluorophenol	43	%	54	65	18.5	49	49	0.0	30 - 130	30	
% Nitrobenzene-d5	46	%	54	64	16.9	61	61	0.0	30 - 130	30	
% Phenol-d5	45	%	57	67	16.1	49	52	5.9	30 - 130	30	
% Terphenyl-d14	52	%	61	74	19.3	54	54	0.0	30 - 130	30	

Comment:

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 398609 (mg/Kg), QC Sample No: BY87132 (BY87217)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	45	55	20.0	57	57	0.0	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	53	65	20.3	66	65	1.5	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	55	70	24.0	79	80	1.3	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	55	68	21.1	74	75	1.3	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	55	68	21.1	71	70	1.4	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	59	72	19.8	75	75	0.0	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	57	69	19.0	68	67	1.5	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	<10	<10	NC	60	51	16.2	30 - 130	30	l
2,4-Dinitrotoluene	ND	0.13	54	70	25.8	78	80	2.5	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	55	69	22.6	76	78	2.6	30 - 130	30	
2-Chloronaphthalene	ND	0.23	51	61	17.9	63	63	0.0	30 - 130	30	
2-Chlorophenol	ND	0.23	49	62	23.4	62	58	6.7	30 - 130	30	
2-Methylnaphthalene	ND	0.23	50	61	19.8	63	63	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	52	65	22.2	66	64	3.1	30 - 130	30	

QA/QC Data

SDG I.D.: GBY87216

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Nitroaniline	ND	0.33	73	92	23.0	104	108	3.8	30 - 130	30	
2-Nitrophenol	ND	0.23	58	71	20.2	72	67	7.2	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	51	64	22.6	66	65	1.5	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	57	70	20.5	76	81	6.4	30 - 130	30	
3-Nitroaniline	ND	0.33	55	70	24.0	77	80	3.8	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	12	18	40.0	76	71	6.8	30 - 130	30	l,r
4-Bromophenyl phenyl ether	ND	0.23	52	65	22.2	72	71	1.4	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	60	75	22.2	81	82	1.2	30 - 130	30	
4-Chloroaniline	ND	0.23	54	64	16.9	68	68	0.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	53	64	18.8	70	71	1.4	30 - 130	30	
4-Nitroaniline	ND	0.23	52	66	23.7	71	71	0.0	30 - 130	30	
4-Nitrophenol	ND	0.23	54	68	23.0	73	75	2.7	30 - 130	30	
Acenaphthene	ND	0.23	53	65	20.3	69	68	1.5	30 - 130	30	
Acenaphthylene	ND	0.13	48	59	20.6	62	62	0.0	30 - 130	30	
Acetophenone	ND	0.23	48	59	20.6	60	56	6.9	30 - 130	30	
Anthracene	ND	0.23	53	66	21.8	74	74	0.0	30 - 130	30	
Atrazine	ND	0.13	52	65	22.2	74	74	0.0	30 - 130	30	
Benz(a)anthracene	ND	0.23	54	67	21.5	75	76	1.3	30 - 130	30	
Benzaldehyde	ND	0.23	16	20	22.2	56	59	5.2	30 - 130	30	l
Benzo(a)pyrene	ND	0.13	50	63	23.0	70	71	1.4	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	54	66	20.0	76	73	4.0	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	48	62	25.5	61	60	1.7	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	48	62	25.5	67	74	9.9	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	59	75	23.9	83	85	2.4	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	53	66	21.8	67	63	6.2	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	43	54	22.7	50	46	8.3	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	0.23	39	48	20.7	47	44	6.6	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	61	78	24.5	88	88	0.0	30 - 130	30	
Caprolactam	ND	0.23	54	67	21.5	73	75	2.7	30 - 130	30	
Carbazole	ND	0.23	55	67	19.7	76	78	2.6	30 - 130	30	
Chrysene	ND	0.23	55	69	22.6	77	77	0.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	54	69	24.4	71	70	1.4	30 - 130	30	
Dibenzofuran	ND	0.23	54	67	21.5	71	71	0.0	30 - 130	30	
Diethyl phthalate	ND	0.23	51	63	21.1	70	71	1.4	30 - 130	30	
Dimethylphthalate	ND	0.23	53	66	21.8	72	73	1.4	30 - 130	30	
Di-n-butylphthalate	ND	0.23	59	73	21.2	81	82	1.2	30 - 130	30	
Di-n-octylphthalate	ND	0.23	59	75	23.9	83	83	0.0	30 - 130	30	
Fluoranthene	ND	0.23	54	67	21.5	75	77	2.6	30 - 130	30	
Fluorene	ND	0.23	51	62	19.5	69	69	0.0	30 - 130	30	
Hexachlorobenzene	ND	0.13	54	65	18.5	73	72	1.4	30 - 130	30	
Hexachlorobutadiene	ND	0.23	53	65	20.3	62	56	10.2	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	51	63	21.1	60	54	10.5	30 - 130	30	
Hexachloroethane	ND	0.13	44	54	20.4	50	44	12.8	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	52	68	26.7	68	67	1.5	30 - 130	30	
Isophorone	ND	0.13	48	59	20.6	62	59	5.0	30 - 130	30	
Naphthalene	ND	0.23	54	66	20.0	67	64	4.6	30 - 130	30	
Nitrobenzene	ND	0.13	49	60	20.2	60	57	5.1	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	38	48	23.3	45	38	16.9	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	48	59	20.6	60	58	3.4	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	54	66	20.0	71	73	2.8	30 - 130	30	
Pentachlorophenol	ND	0.23	38	54	34.8	72	69	4.3	30 - 130	30	r
Phenanthrene	ND	0.13	51	64	22.6	72	72	0.0	30 - 130	30	
Phenol	ND	0.23	47	58	21.0	60	58	3.4	30 - 130	30	

QA/QC Data

SDG I.D.: GBY87216

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Pyrene	ND	0.23	53	65	20.3	74	76	2.7	30 - 130	30
% 2,4,6-Tribromophenol	59	%	52	65	22.2	73	71	2.8	30 - 130	30
% 2-Fluorobiphenyl	62	%	48	59	20.6	62	59	5.0	30 - 130	30
% 2-Fluorophenol	44	%	41	52	23.7	51	46	10.3	30 - 130	30
% Nitrobenzene-d5	57	%	46	58	23.1	58	54	7.1	30 - 130	30
% Phenol-d5	52	%	46	57	21.4	58	55	5.3	30 - 130	30
% Terphenyl-d14	68	%	55	68	21.1	78	79	1.3	30 - 130	30

Comment:

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
August 24, 2017

Thursday, August 24, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY87216 - CT-MALE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL

*** No Data to Display ***

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

August 24, 2017 SDG I.D.: GBY87216

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

SVOA Narration

CHEM27 08/21/17-1: BY87216

The following Initial Calibration compounds did not meet RSD% criteria: 2,4-Dinitrophenol 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.082 (0.1), Bis(2-chloroethoxy)methane 0.251 (0.3), Hexachlorobenzene 0.077 (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 0.083 (0.1), Bis(2-chloroethoxy)methane 0.243 (0.3), Hexachlorobenzene 0.073 (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%.

CHEM29 08/21/17-2: BY87217

The following Initial Calibration compounds did not meet RSD% criteria: 1,1-Biphenyl 22% (20%), 2,4-Dinitrophenol 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.048 (0.1), Hexachlorobenzene 0.082 (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 0.056 (0.1), Hexachlorobenzene 0.079 (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%.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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NY Temperature Narration

August 24, 2017

SDG I.D.: GBY87216

The samples in this delivery group were received at 3.2°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 3.2C Pg of

Contact Options:
[ ] Fax:
[ ] Phone:
[x] Email: a.gates@ctmale.com

Customer: C.T. Male Associates
Address: 50 Century Hill Drive
Latham, NY 12110

Project: Target Area 1
Report to: Aimee Gates
Invoice to: Aimee Gates

Project P.O: 16.6334

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Ryan Hall Date: 08/18/17

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	Analysis Request: TAL Metals	TCL SVOCs	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) 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
87216	SS-20	S	08/18/17	1030	X	X		2								
87217	SS-21	S	08/18/17	1110	X	X		2								

Relinquished by:	Accepted by:	Date:	Time:
Ryan Hall	Gregory J. Hall	18 Aug 2017	1350
Gregory J. Hall		8.18.17	3 pm
	Crystal Bucco	8.18.17	16:59

Comments, Special Requirements or Regulations:

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
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[ ] Excel
[x] 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

PHOENIX
Environmental Laboratories, Inc.

Wednesday, September 16, 2015

Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Project ID: HAMILTON HILL
Sample ID#s: BJ91031 - BJ91034

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

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

September 16, 2015

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/11/15	12:05
Location Code:	CT-MALE	Received by:	LB	09/11/15	16:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	14.4678				

Laboratory Data

SDG ID: GBJ91031
Phoenix ID: BJ91031

Project ID: HAMILTON HILL
Client ID: 304 CRAIG

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	3.9	0.7	mg/Kg	1	09/14/15	EK	SW6010C
Barium	114	0.35	mg/Kg	1	09/14/15	EK	SW6010C
Cadmium	0.69	0.35	mg/Kg	1	09/14/15	EK	SW6010C
Chromium	8.53	0.35	mg/Kg	1	09/14/15	EK	SW6010C
Lead	360	3.5	mg/Kg	10	09/15/15	EK	SW6010C
Mercury	0.18	0.03	mg/Kg	1	09/15/15	RS	SW7471B
Selenium	< 1.4	1.4	mg/Kg	1	09/14/15	EK	SW6010C
Silver	< 0.35	0.35	mg/Kg	1	09/14/15	EK	SW6010C
Percent Solid	96		%		09/11/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed				09/11/15	JJ/VH	SW3545A
Mercury Digestion	Completed				09/15/15	I/I	SW7471B
Total Metals Digest	Completed				09/11/15	G/AG	SW3050B
Semivolatiles							
1,1-Biphenyl	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chloronaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylnaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D

Project ID: HAMILTON HILL
Client ID: 304 CRAIG

Phoenix I.D.: BJ91031

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	09/12/15	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Carbazole	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dimethylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-butylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-octylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluoranthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluorene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobutadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachloroethane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Isophorone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Naphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Nitrobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	50		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorobiphenyl	59		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorophenol	32		%	1	09/12/15	DD	30 - 130 %
% Nitrobenzene-d5	54		%	1	09/12/15	DD	30 - 130 %
% Phenol-d5	45		%	1	09/12/15	DD	30 - 130 %
% Terphenyl-d14	62		%	1	09/12/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed				09/14/15	DD	

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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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.
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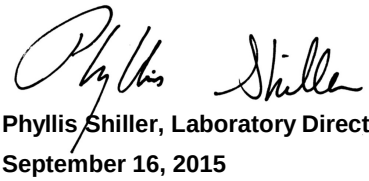

Phyllis Shiller, Laboratory Director
September 16, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 16, 2015

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/11/15	12:20
Location Code:	CT-MALE	Received by:	LB	09/11/15	16:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	14.4678				

Laboratory Data

SDG ID: GBJ91031
Phoenix ID: BJ91032

Project ID: HAMILTON HILL
Client ID: 302 CRAIG

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.7	0.7	mg/Kg	1	09/14/15	EK	SW6010C
Barium	24.3	0.34	mg/Kg	1	09/14/15	EK	SW6010C
Cadmium	< 0.34	0.34	mg/Kg	1	09/14/15	EK	SW6010C
Chromium	6.87	0.34	mg/Kg	1	09/14/15	EK	SW6010C
Lead	15.6	0.34	mg/Kg	1	09/14/15	EK	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	09/15/15	RS	SW7471B
Selenium	< 1.3	1.3	mg/Kg	1	09/14/15	EK	SW6010C
Silver	< 0.34	0.34	mg/Kg	1	09/14/15	EK	SW6010C
Percent Solid	95		%		09/11/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed				09/11/15	JJ/VH	SW3545A
Mercury Digestion	Completed				09/15/15	I/I	SW7471B
Total Metals Digest	Completed				09/11/15	G/AG	SW3050B
Semivolatiles							
1,1-Biphenyl	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chloronaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylnaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D

Project ID: HAMILTON HILL
Client ID: 302 CRAIG

Phoenix I.D.: BJ91032

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	09/12/15	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benz(a)anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(a)pyrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(b)fluoranthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(ghi)perylene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(k)fluoranthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Carbazole	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Chrysene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dimethylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-butylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-octylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluoranthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluorene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobutadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachloroethane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Isophorone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Naphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Nitrobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D
Phenanthrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Pyrene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	79		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorobiphenyl	67		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorophenol	65		%	1	09/12/15	DD	30 - 130 %
% Nitrobenzene-d5	64		%	1	09/12/15	DD	30 - 130 %
% Phenol-d5	65		%	1	09/12/15	DD	30 - 130 %
% Terphenyl-d14	83		%	1	09/12/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed				09/14/15	DD	

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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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.
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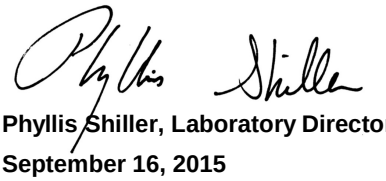

Phyllis Shiller, Laboratory Director
September 16, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

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

Analysis Report

September 16, 2015

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/11/15	13:05
Location Code:	CT-MALE	Received by:	LB	09/11/15	16:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	14.4678				

Laboratory Data

SDG ID: GBJ91031
Phoenix ID: BJ91033

Project ID: HAMILTON HILL
Client ID: 824 ALBANY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	4.9	0.6	mg/Kg	1	09/14/15	EK	SW6010C
Barium	116	0.31	mg/Kg	1	09/14/15	EK	SW6010C
Cadmium	0.37	0.31	mg/Kg	1	09/14/15	EK	SW6010C
Chromium	12.5	0.31	mg/Kg	1	09/14/15	EK	SW6010C
Lead	244	3.1	mg/Kg	10	09/15/15	EK	SW6010C
Mercury	0.64	0.03	mg/Kg	1	09/15/15	RS	SW7471B
Selenium	< 1.2	1.2	mg/Kg	1	09/14/15	EK	SW6010C
Silver	< 0.31	0.31	mg/Kg	1	09/14/15	EK	SW6010C
Percent Solid	95		%		09/11/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed				09/11/15	JJ/VH	SW3545A
Mercury Digestion	Completed				09/15/15	I/I	SW7471B
Total Metals Digest	Completed				09/11/15	G/AG	SW3050B
Semivolatiles							
1,1-Biphenyl	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrophenol	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chloronaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylnaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D

Project ID: HAMILTON HILL
Client ID: 824 ALBANY

Phoenix I.D.: BJ91033

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.42	mg/Kg	1	09/12/15	DD	SW8270D	
3-Nitroaniline	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitroaniline	ND	0.56	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benz(a)anthracene	0.28	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(a)pyrene	0.27	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(b)fluoranthene	0.33	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(ghi)perylene	0.35	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(k)fluoranthene	0.3	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Carbazole	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Chrysene	0.32	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dimethylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-butylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-octylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluoranthene	0.63	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluorene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobutadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachloroethane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	0.28	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Isophorone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Naphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Nitrobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D
Pentachlorophenol	ND	0.35	mg/Kg	1	09/12/15	DD	SW8270D
Phenanthrene	0.35	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Pyrene	0.53	0.24	mg/Kg	1	09/12/15	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	65		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorobiphenyl	63		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorophenol	45		%	1	09/12/15	DD	30 - 130 %
% Nitrobenzene-d5	51		%	1	09/12/15	DD	30 - 130 %
% Phenol-d5	55		%	1	09/12/15	DD	30 - 130 %
% Terphenyl-d14	72		%	1	09/12/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed				09/14/15	DD	

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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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.
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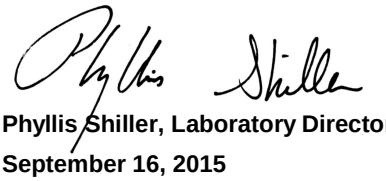

Phyllis Shiller, Laboratory Director
September 16, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

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

Analysis Report

September 16, 2015

FOR: Attn: Ms. Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/11/15	13:20
Location Code:	CT-MALE	Received by:	LB	09/11/15	16:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	14.4678				

Laboratory Data

SDG ID: GBJ91031
Phoenix ID: BJ91034

Project ID: HAMILTON HILL
Client ID: 820 ALBANY

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	4.8	0.7	mg/Kg	1	09/14/15	EK	SW6010C
Barium	71.9	0.33	mg/Kg	1	09/14/15	EK	SW6010C
Cadmium	< 0.33	0.33	mg/Kg	1	09/14/15	EK	SW6010C
Chromium	10.7	0.33	mg/Kg	1	09/14/15	EK	SW6010C
Lead	167	3.3	mg/Kg	10	09/15/15	EK	SW6010C
Mercury	0.62	0.03	mg/Kg	1	09/15/15	RS	SW7471B
Selenium	< 1.3	1.3	mg/Kg	1	09/14/15	EK	SW6010C
Silver	< 0.33	0.33	mg/Kg	1	09/14/15	EK	SW6010C
Percent Solid	96		%		09/11/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed				09/11/15	JJ/VH	SW3545A
Mercury Digestion	Completed				09/15/15	I/I	SW7471B
Total Metals Digest	Completed				09/11/15	G/AG	SW3050B
Semivolatiles							
1,1-Biphenyl	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,3,4,6-tetrachlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dichlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dimethylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrophenol	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D
2,4-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2,6-Dinitrotoluene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chloronaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Chlorophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylnaphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D

Project ID: HAMILTON HILL
Client ID: 820 ALBANY

Phoenix I.D.: BJ91034

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D	
2-Nitrophenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	0.41	mg/Kg	1	09/12/15	DD	SW8270D	
3-Nitroaniline	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chloroaniline	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitroaniline	ND	0.55	mg/Kg	1	09/12/15	DD	SW8270D	
4-Nitrophenol	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acenaphthylene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Acetophenone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Atrazine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benz(a)anthracene	0.27	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzaldehyde	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(a)pyrene	0.28	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(b)fluoranthene	0.31	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(ghi)perylene	0.34	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzo(k)fluoranthene	0.29	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Benzyl butyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Caprolactam	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Carbazole	ND	1	mg/Kg	1	09/12/15	DD	SW8270D	
Chrysene	0.3	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenz(a,h)anthracene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dibenzofuran	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Diethyl phthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Dimethylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-butylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Di-n-octylphthalate	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluoranthene	0.51	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Fluorene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorobutadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachlorocyclopentadiene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Hexachloroethane	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	0.28	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Isophorone	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Naphthalene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
Nitrobenzene	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodimethylamine	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D
Pentachlorophenol	ND	0.34	mg/Kg	1	09/12/15	DD	SW8270D
Phenanthrene	0.25	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Phenol	ND	0.24	mg/Kg	1	09/12/15	DD	SW8270D
Pyrene	0.47	0.24	mg/Kg	1	09/12/15	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	71		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorobiphenyl	71		%	1	09/12/15	DD	30 - 130 %
% 2-Fluorophenol	56		%	1	09/12/15	DD	30 - 130 %
% Nitrobenzene-d5	66		%	1	09/12/15	DD	30 - 130 %
% Phenol-d5	65		%	1	09/12/15	DD	30 - 130 %
% Terphenyl-d14	76		%	1	09/12/15	DD	30 - 130 %
SVOA Library Search Top 15	Completed				09/14/15	DD	

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 Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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.
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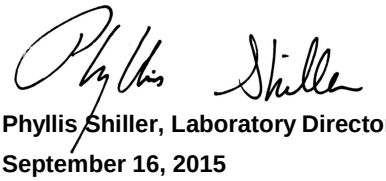

Phyllis Shiller, Laboratory Director
September 16, 2015
Reviewed and Released by: Bobbi Aloisa, Vice President

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 304 CRAIG

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ91031

Matrix:(soil/water) SOIL Lab Sample ID: BJ91031

Sample wt/vol: 15.01 (g/mL) g Lab File ID: 0911_21.D

Level: (low/med) Low Date Received: 09/11/15

% Moisture: not dec. 4 decanted:(Y/N) NA Date Extracted: 09/12/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/12/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.780	46000	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 3021 CRAIG

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ91031

Matrix:(soil/water) SOIL Lab Sample ID: BJ91032

Sample wt/vol: 15.3 (g/mL) g Lab File ID: 0911_49.D

Level: (low/med) Low Date Received: 09/11/15

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 09/12/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/12/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Unknown	2.470	160000	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 824 ALBANY

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ91031

Matrix:(soil/water) SOIL Lab Sample ID: BJ91033

Sample wt/vol: 15.16 (g/mL) g Lab File ID: 0911_17.D

Level: (low/med) Low Date Received: 09/11/15

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 09/12/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/12/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.780	36000	JNA
		6.990	380	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 820 ALBANY

Lab Name: Phoenix Environmental Labs Client: CT-MALE

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBJ91031

Matrix:(soil/water) SOIL Lab Sample ID: BJ91034

Sample wt/vol: 15.17 (g/mL) g Lab File ID: 0911_18.D

Level: (low/med) Low Date Received: 09/11/15

% Moisture: not dec. 4 decanted:(Y/N) NA Date Extracted: 09/12/15

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 9/12/2015

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 2 (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	1.520	1400	JN
	Unknown	1.840	140000	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

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

September 16, 2015

QA/QC Data

SDG I.D.: GBJ91031

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 320275 (mg/kg), QC Sample No: BJ91031 (BJ91031, BJ91032, BJ91033, BJ91034)														
Mercury - Soil	BRL	0.06	0.18	0.25	32.6	85.5	90.7	5.9	109	88.9	20.3	70 - 130	30	r
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.														
QA/QC Batch 320073 (mg/kg), QC Sample No: BJ91033 (BJ91031, BJ91032, BJ91033, BJ91034)														
ICP Metals - Soil														
Arsenic	BRL	0.67	4.9	4.97	1.40	93.8	94.7	1.0	91.4	90.4	1.1	75 - 125	30	
Barium	BRL	0.33	116	113	2.60	92.8	94.6	1.9	85.9	84.8	1.3	75 - 125	30	
Cadmium	BRL	0.33	0.37	0.37	NC	90.0	92.2	2.4	92.6	91.4	1.3	75 - 125	30	
Chromium	BRL	0.33	12.5	12.7	1.60	95.0	96.3	1.4	98.6	97.7	0.9	75 - 125	30	
Lead	BRL	0.33	244	236	3.30	93.7	94.2	0.5	95.6	83.4	13.6	75 - 125	30	
Selenium	BRL	1.3	<1.2	<1.3	NC	88.0	88.7	0.8	76.6	75.4	1.6	75 - 125	30	
Silver	BRL	0.33	<0.31	<0.31	NC	94.9	94.6	0.3	96.2	94.6	1.7	75 - 125	30	

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

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

September 16, 2015

QA/QC Data

SDG I.D.: GBJ91031

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 320066 (mg/Kg), QC Sample No: BJ91059 (BJ91031, BJ91032, BJ91033, BJ91034)										
Semivolatiles - Soil										
1,1-Biphenyl	ND	0.23	62			56			30 - 130	30
1,2,4,5-Tetrachlorobenzene	ND	0.23	65			58			30 - 130	30
2,3,4,6-tetrachlorophenol	ND	0.23	64			74			30 - 130	30
2,4,5-Trichlorophenol	ND	0.23	68			70			30 - 130	30
2,4,6-Trichlorophenol	ND	0.13	71			70			30 - 130	30
2,4-Dichlorophenol	ND	0.13	68			62			30 - 130	30
2,4-Dimethylphenol	ND	0.23	64			61			30 - 130	30
2,4-Dinitrophenol	ND	0.23	21			64			30 - 130	30
2,4-Dinitrotoluene	ND	0.13	68			70			30 - 130	30
2,6-Dinitrotoluene	ND	0.13	73			73			30 - 130	30
2-Chloronaphthalene	ND	0.23	63			56			30 - 130	30
2-Chlorophenol	ND	0.23	63			56			30 - 130	30
2-Methylnaphthalene	ND	0.23	67			59			30 - 130	30
2-Methylphenol (o-cresol)	ND	0.23	61			56			30 - 130	30
2-Nitroaniline	ND	0.33	75			80			30 - 130	30
2-Nitrophenol	ND	0.23	67			60			30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	0.23	69			64			30 - 130	30
3,3'-Dichlorobenzidine	ND	0.13	69			59			30 - 130	30
3-Nitroaniline	ND	0.33	65			66			30 - 130	30
4,6-Dinitro-2-methylphenol	ND	0.23	44			73			30 - 130	30
4-Bromophenyl phenyl ether	ND	0.23	66			71			30 - 130	30
4-Chloro-3-methylphenol	ND	0.23	75			76			30 - 130	30
4-Chloroaniline	ND	0.23	64			57			30 - 130	30
4-Chlorophenyl phenyl ether	ND	0.23	67			67			30 - 130	30
4-Nitroaniline	ND	0.23	69			70			30 - 130	30
4-Nitrophenol	ND	0.23	73			82			30 - 130	30
Acenaphthene	ND	0.23	65			59			30 - 130	30
Acenaphthylene	ND	0.13	61			56			30 - 130	30
Acetophenone	ND	0.23	60			52			30 - 130	30
Anthracene	ND	0.23	65			69			30 - 130	30
Atrazine	ND	0.13	66			72			30 - 130	30
Benz(a)anthracene	ND	0.23	67			70			30 - 130	30
Benzaldehyde	ND	0.23	100			126			30 - 130	30
Benzo(a)pyrene	ND	0.13	68			69			30 - 130	30
Benzo(b)fluoranthene	ND	0.16	67			70			30 - 130	30
Benzo(ghi)perylene	ND	0.23	70			71			30 - 130	30
Benzo(k)fluoranthene	ND	0.23	74			74			30 - 130	30
Benzyl butyl phthalate	ND	0.23	68			72			30 - 130	30
Bis(2-chloroethoxy)methane	ND	0.23	65			55			30 - 130	30
Bis(2-chloroethyl)ether	ND	0.13	54			38			30 - 130	30
Bis(2-chloroisopropyl)ether	ND	0.23	53			43			30 - 130	30

QA/QC Data

SDG I.D.: GBJ91031

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bis(2-ethylhexyl)phthalate	ND	0.23	68			73			30 - 130	30
Caprolactam	ND	0.23	70			74			30 - 130	30
Carbazole	ND	0.33	68			72			30 - 130	30
Chrysene	ND	0.23	70			74			30 - 130	30
Dibenz(a,h)anthracene	ND	0.13	75			78			30 - 130	30
Dibenzofuran	ND	0.23	68			63			30 - 130	30
Diethyl phthalate	ND	0.23	68			70			30 - 130	30
Dimethylphthalate	ND	0.23	70			69			30 - 130	30
Di-n-butylphthalate	ND	0.23	70			70			30 - 130	30
Di-n-octylphthalate	ND	0.23	71			74			30 - 130	30
Fluoranthene	ND	0.23	68			70			30 - 130	30
Fluorene	ND	0.23	64			63			30 - 130	30
Hexachlorobenzene	ND	0.13	66			71			30 - 130	30
Hexachlorobutadiene	ND	0.23	58			47			30 - 130	30
Hexachlorocyclopentadiene	ND	0.23	67			51			30 - 130	30
Hexachloroethane	ND	0.13	53			40			30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	0.23	71			71			30 - 130	30
Isophorone	ND	0.13	60			52			30 - 130	30
Naphthalene	ND	0.23	58			48			30 - 130	30
Nitrobenzene	ND	0.13	61			52			30 - 130	30
N-Nitrosodimethylamine	ND	0.23	49			44			30 - 130	30
N-Nitrosodi-n-propylamine	ND	0.13	66			58			30 - 130	30
N-Nitrosodiphenylamine	ND	0.13	68			71			30 - 130	30
Pentachlorophenol	ND	0.23	56			71			30 - 130	30
Phenanthrene	ND	0.13	65			67			30 - 130	30
Phenol	ND	0.23	59			53			30 - 130	30
Pyrene	ND	0.23	68			70			30 - 130	30
% 2,4,6-Tribromophenol	49	%	61			73			30 - 130	30
% 2-Fluorobiphenyl	50	%	61			53			30 - 130	30
% 2-Fluorophenol	38	%	55			49			30 - 130	30
% Nitrobenzene-d5	48	%	62			54			30 - 130	30
% Phenol-d5	42	%	61			56			30 - 130	30
% Terphenyl-d14	62	%	75			74			30 - 130	30

Comment:

LCSD/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.

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
September 16, 2015

Sample Criteria Exceedences Report

GBJ91031 - CT-MALE

Criteria: None

State: NY

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

*** No Data to Display ***

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

NY Temperature Narration

September 16, 2015

SDG I.D.: GBJ91031

The samples in this delivery group were received at 5°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

Temp 5 soil/DW Pg 1 of 1

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

Data Delivery:
☐ Fax #:
☒ Email: a.gates@ctmale.com

Customer: CT Male
Address: 50 Century Hill Drive, Latham, NY 12110

Project: Hamilton Hill
Report to: Aimee Gates
Invoice to: Aimee Gates

Project P.O: 14.4678
Phone #: 518-786-7551
Fax #:

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 9/11/15

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	RCRA Metals	SVOCs	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (4) 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
91031	304 Craig	S	9/11/15	1205	X	X		2								
91032	302 Craig	S	9/11/15	1220	X	X		2								
91033	824 Albany	S	9/11/15	1305	X	X		2								
91034	820 Albany	S	9/11/15	1320	X	X		2								
								2								

Relinquished by:	Accepted by:	Date:	Time:
		9/11/15	1405
	Brad Cole	9-11-15	14:20
Brad Cole		9-11-15	1642

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
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, June 29, 2016

Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Project ID: FORMER RALPHS CLEANERS
Sample ID#s: BN62170 - BN62174

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.

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

June 29, 2016

FOR: Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/16	9:10
Location Code:	CT-MALE	Received by:	SW	06/23/16	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	166334				

Laboratory Data

SDG ID: GBN62170
Phoenix ID: BN62170

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-05

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				06/27/16	P/UU	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/25/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	06/25/16	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C 1
4-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-05

Phoenix I.D.: BN62170

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Acetone	63	S	25	ug/L	5	06/26/16	MH	SW8260C	
Acrylonitrile	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Benzene	ND		0.70	ug/L	1	06/25/16	MH	SW8260C	
Bromobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromochloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromodichloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Bromoform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon Disulfide	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chlorobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,2-Dichloroethene	2.6		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Dibromochloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Dibromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Ethylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Isopropylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
m&p-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methylene chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Naphthalene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Propylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
o-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
sec-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Styrene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
tert-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrachloroethene	6.2		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		2.5	ug/L	1	06/25/16	MH	SW8260C	1
Toluene	12		1.0	ug/L	1	06/25/16	MH	SW8260C	
Total Xylenes	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Trichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Vinyl chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	06/25/16	MH	70 - 130 %	
% Bromofluorobenzene	95			%	1	06/25/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	100		%	1	06/25/16	MH	70 - 130 %
% Toluene-d8	97		%	1	06/25/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	06/28/16	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	65		%	1	06/28/16	DD	30 - 130 %
% Nitrobenzene-d5	72		%	1	06/28/16	DD	30 - 130 %
% Terphenyl-d14	48		%	1	06/28/16	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.

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

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
June 29, 2016
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

Analysis Report

June 29, 2016

FOR: Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/16	10:00
Location Code:	CT-MALE	Received by:	SW	06/23/16	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	166334				

Laboratory Data

SDG ID: GBN62170
Phoenix ID: BN62171

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-04

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				06/27/16	P/UU	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/25/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/25/16	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-04

Phoenix I.D.: BN62171

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Acetone	30	S	10	ug/L	2	06/26/16	MH	SW8260C	
Acrylonitrile	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Benzene	ND		0.70	ug/L	1	06/25/16	MH	SW8260C	
Bromobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromochloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromodichloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Bromoform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon Disulfide	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chlorobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Dibromochloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Dibromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Ethylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Isopropylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
m&p-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methylene chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Naphthalene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Propylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
o-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
sec-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Styrene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
tert-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrachloroethene	13		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		2.5	ug/L	1	06/25/16	MH	SW8260C	1
Toluene	4.7		1.0	ug/L	1	06/25/16	MH	SW8260C	
Total Xylenes	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Trichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Vinyl chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	06/25/16	MH	70 - 130 %	
% Bromofluorobenzene	96			%	1	06/25/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99		%	1	06/25/16	MH	70 - 130 %
% Toluene-d8	98		%	1	06/25/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	06/28/16	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	70		%	1	06/28/16	DD	30 - 130 %
% Nitrobenzene-d5	67		%	1	06/28/16	DD	30 - 130 %
% Terphenyl-d14	53		%	1	06/28/16	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.

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

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
June 29, 2016
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 29, 2016

FOR: Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/16	10:40
Location Code:	CT-MALE	Received by:	SW	06/23/16	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	166334				

Laboratory Data

SDG ID: GBN62170
Phoenix ID: BN62172

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-03

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				06/27/16	P/UU	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/25/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	06/25/16	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C 1
4-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-03

Phoenix I.D.: BN62172

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Acetone	54	S	25	ug/L	5	06/26/16	MH	SW8260C	
Acrylonitrile	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Benzene	ND		0.70	ug/L	1	06/25/16	MH	SW8260C	
Bromobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromochloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromodichloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Bromoform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon Disulfide	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chlorobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,2-Dichloroethene	7.5		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Dibromochloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Dibromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Ethylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Isopropylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
m&p-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methylene chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Naphthalene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Propylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
o-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
p-Isopropyltoluene	3.4		1.0	ug/L	1	06/25/16	MH	SW8260C	
sec-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Styrene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
tert-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrachloroethene	9.0		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		2.5	ug/L	1	06/25/16	MH	SW8260C	1
Toluene	19		1.0	ug/L	1	06/25/16	MH	SW8260C	
Total Xylenes	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Trichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Vinyl chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	06/25/16	MH	70 - 130 %	
% Bromofluorobenzene	96			%	1	06/25/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	98		%	1	06/25/16	MH	70 - 130 %
% Toluene-d8	98		%	1	06/25/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	06/28/16	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	1	06/28/16	DD	30 - 130 %
% Nitrobenzene-d5	78		%	1	06/28/16	DD	30 - 130 %
% Terphenyl-d14	79		%	1	06/28/16	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.

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

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 29, 2016
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

Analysis Report

June 29, 2016

FOR: Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/16	11:15
Location Code:	CT-MALE	Received by:	SW	06/23/16	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	166334				

Laboratory Data

SDG ID: GBN62170
Phoenix ID: BN62173

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-02

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				06/27/16	P/UU	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/25/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/25/16	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/25/16	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C	

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-02

Phoenix I.D.: BN62173

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Acetone	83	S	25	ug/L	5	06/26/16	MH	SW8260C	
Acrylonitrile	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Benzene	ND		0.70	ug/L	1	06/25/16	MH	SW8260C	
Bromobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromochloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromodichloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Bromoform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon Disulfide	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chlorobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,2-Dichloroethene	24		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Dibromochloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Dibromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Ethylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Isopropylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
m&p-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methylene chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Naphthalene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Propylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
o-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
p-Isopropyltoluene	2.2		1.0	ug/L	1	06/25/16	MH	SW8260C	
sec-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Styrene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
tert-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrachloroethene	4.3		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		2.5	ug/L	1	06/25/16	MH	SW8260C	1
Toluene	69		5.0	ug/L	5	06/26/16	MH	SW8260C	
Total Xylenes	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Trichloroethene	1.1		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Vinyl chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	06/25/16	MH	70 - 130 %	
% Bromofluorobenzene	96			%	1	06/25/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99		%	1	06/25/16	MH	70 - 130 %
% Toluene-d8	99		%	1	06/25/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	06/28/16	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	68		%	1	06/28/16	DD	30 - 130 %
% Nitrobenzene-d5	74		%	1	06/28/16	DD	30 - 130 %
% Terphenyl-d14	95		%	1	06/28/16	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.

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

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
June 29, 2016
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

Analysis Report

June 29, 2016

FOR: Attn: Aimee Gates
CT Male Associates
50 Century Hill Drive
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/16	11:15
Location Code:	CT-MALE	Received by:	SW	06/23/16	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	166334				

Laboratory Data

SDG ID: GBN62170
Phoenix ID: BN62174

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-01

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				06/27/16	P/UU	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/25/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	06/25/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	06/25/16	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C 1
4-Chlorotoluene	ND	1.0	ug/L	1	06/25/16	MH	SW8260C

Project ID: FORMER RALPHS CLEANERS
Client ID: CTM-MW-01

Phoenix I.D.: BN62174

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Acetone	68	S	25	ug/L	5	06/26/16	MH	SW8260C	
Acrylonitrile	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Benzene	ND		0.70	ug/L	1	06/25/16	MH	SW8260C	
Bromobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromochloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromodichloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Bromoform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Bromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon Disulfide	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chlorobenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloroform	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Chloromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Dibromochloromethane	ND		0.50	ug/L	1	06/25/16	MH	SW8260C	
Dibromomethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Ethylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
Isopropylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
m&p-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Methylene chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Naphthalene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
n-Propylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
o-Xylene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
p-Isopropyltoluene	1.3		1.0	ug/L	1	06/25/16	MH	SW8260C	
sec-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Styrene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
tert-Butylbenzene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrachloroethene	14		1.0	ug/L	1	06/25/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		2.5	ug/L	1	06/25/16	MH	SW8260C	1
Toluene	15		1.0	ug/L	1	06/25/16	MH	SW8260C	
Total Xylenes	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	ug/L	1	06/25/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	ug/L	1	06/25/16	MH	SW8260C	
Trichloroethene	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
Vinyl chloride	ND		1.0	ug/L	1	06/25/16	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	06/25/16	MH	70 - 130 %	
% Bromofluorobenzene	97			%	1	06/25/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99		%	1	06/25/16	MH	70 - 130 %
% Toluene-d8	97		%	1	06/25/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	06/28/16	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	06/28/16	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	06/28/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	06/28/16	DD	30 - 130 %
% Nitrobenzene-d5	86		%	1	06/28/16	DD	30 - 130 %
% Terphenyl-d14	83		%	1	06/28/16	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.

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

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
June 29, 2016
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

June 29, 2016

QA/QC Data

SDG I.D.: GBN62170

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 350466 (ug/L), QC Sample No: BN61546 (BN62170, BN62171, BN62172, BN62173, BN62174)											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	110	108	1.8				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	108	100	7.7				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	108	105	2.8				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	103	101	2.0				70 - 130	30	
1,1-Dichloroethane	ND	1.0	109	101	7.6				70 - 130	30	
1,1-Dichloroethene	ND	1.0	111	102	8.5				70 - 130	30	
1,1-Dichloropropene	ND	1.0	109	105	3.7				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	113	112	0.9				70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	107	106	0.9				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	113	109	3.6				70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	108	103	4.7				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	110	112	1.8				70 - 130	30	
1,2-Dibromoethane	ND	1.0	108	108	0.0				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	108	104	3.8				70 - 130	30	
1,2-Dichloroethane	ND	1.0	106	102	3.8				70 - 130	30	
1,2-Dichloropropane	ND	1.0	106	102	3.8				70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	107	102	4.8				70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	106	103	2.9				70 - 130	30	
1,3-Dichloropropane	ND	1.0	108	107	0.9				70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	108	103	4.7				70 - 130	30	
2,2-Dichloropropane	ND	1.0	102	94	8.2				70 - 130	30	
2-Chlorotoluene	ND	1.0	109	103	5.7				70 - 130	30	
2-Hexanone	ND	5.0	98	98	0.0				70 - 130	30	
2-Isopropyltoluene	ND	1.0	108	103	4.7				70 - 130	30	
4-Chlorotoluene	ND	1.0	106	101	4.8				70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	101	102	1.0				70 - 130	30	
Acrylonitrile	ND	5.0	101	102	1.0				70 - 130	30	
Benzene	ND	0.70	108	104	3.8				70 - 130	30	
Bromobenzene	ND	1.0	108	104	3.8				70 - 130	30	
Bromochloromethane	ND	1.0	110	106	3.7				70 - 130	30	
Bromodichloromethane	ND	0.50	107	104	2.8				70 - 130	30	
Bromoform	ND	1.0	109	109	0.0				70 - 130	30	
Bromomethane	ND	1.0	176	164	7.1				70 - 130	30	I
Carbon Disulfide	ND	1.0	117	109	7.1				70 - 130	30	
Carbon tetrachloride	ND	1.0	107	100	6.8				70 - 130	30	
Chlorobenzene	ND	1.0	106	104	1.9				70 - 130	30	
Chloroethane	ND	1.0	144	133	7.9				70 - 130	30	I
Chloroform	ND	1.0	108	103	4.7				70 - 130	30	
Chloromethane	ND	1.0	144	134	7.2				70 - 130	30	I
cis-1,2-Dichloroethene	ND	1.0	108	102	5.7				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	105	100	4.9				70 - 130	30	

QA/QC Data

SDG I.D.: GBN62170

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibromochloromethane	ND	0.50	109	109	0.0				70 - 130	30	
Dibromomethane	ND	1.0	105	102	2.9				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	150	140	6.9				70 - 130	30	I
Ethylbenzene	ND	1.0	109	106	2.8				70 - 130	30	
Hexachlorobutadiene	ND	0.40	107	102	4.8				70 - 130	30	
Isopropylbenzene	ND	1.0	107	101	5.8				70 - 130	30	
m&p-Xylene	ND	1.0	109	106	2.8				70 - 130	30	
Methyl ethyl ketone	ND	5.0	105	101	3.9				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	122	118	3.3				70 - 130	30	
Methylene chloride	ND	1.0	99	94	5.2				70 - 130	30	
Naphthalene	ND	1.0	114	113	0.9				70 - 130	30	
n-Butylbenzene	ND	1.0	106	100	5.8				70 - 130	30	
n-Propylbenzene	ND	1.0	105	101	3.9				70 - 130	30	
o-Xylene	ND	1.0	106	104	1.9				70 - 130	30	
p-Isopropyltoluene	ND	1.0	107	103	3.8				70 - 130	30	
sec-Butylbenzene	ND	1.0	108	104	3.8				70 - 130	30	
Styrene	ND	1.0	109	107	1.9				70 - 130	30	
tert-Butylbenzene	ND	1.0	105	102	2.9				70 - 130	30	
Tetrachloroethene	ND	1.0	106	102	3.8				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	102	101	1.0				70 - 130	30	
Toluene	ND	1.0	108	103	4.7				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	108	101	6.7				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	105	102	2.9				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	109	106	2.8				70 - 130	30	
Trichloroethene	ND	1.0	108	104	3.8				70 - 130	30	
Trichlorofluoromethane	ND	1.0	133	125	6.2				70 - 130	30	I
Trichlorotrifluoroethane	ND	1.0	108	100	7.7				70 - 130	30	
Vinyl chloride	ND	1.0	136	126	7.6				70 - 130	30	I
% 1,2-dichlorobenzene-d4	99	%	101	100	1.0				70 - 130	30	
% Bromofluorobenzene	95	%	100	101	1.0				70 - 130	30	
% Dibromofluoromethane	101	%	100	100	0.0				70 - 130	30	
% Toluene-d8	100	%	100	98	2.0				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 350472 (ug/L), QC Sample No: BN62056 (BN62170, BN62171, BN62172, BN62173, BN62174)

Semivolatiles by SIM - Ground Water

2-Methylnaphthalene	ND	0.05	65	68	4.5				30 - 130	20	
Acenaphthene	ND	0.05	74	78	5.3				30 - 130	20	
Acenaphthylene	ND	0.04	85	97	13.2				30 - 130	20	
Anthracene	ND	0.02	74	82	10.3				30 - 130	20	
Benz(a)anthracene	ND	0.02	78	86	9.8				30 - 130	20	
Benzo(a)pyrene	ND	0.02	65	74	12.9				30 - 130	20	
Benzo(b)fluoranthene	ND	0.02	76	85	11.2				30 - 130	20	
Benzo(ghi)perylene	ND	0.02	79	86	8.5				30 - 130	20	
Benzo(k)fluoranthene	ND	0.02	80	87	8.4				30 - 130	20	
Chrysene	ND	0.02	80	89	10.7				30 - 130	20	
Dibenz(a,h)anthracene	ND	0.01	78	84	7.4				30 - 130	20	
Fluoranthene	ND	0.04	72	76	5.4				30 - 130	20	
Fluorene	ND	0.05	73	78	6.6				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	0.02	78	85	8.6				30 - 130	20	
Naphthalene	ND	0.05	67	62	7.8				30 - 130	20	

QA/QC Data

SDG I.D.: GBN62170

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Phenanthrene	ND	0.05	71	79	10.7				30 - 130	20
Pyrene	ND	0.02	74	78	5.3				30 - 130	20
% 2-Fluorobiphenyl	73	%	68	71	4.3				30 - 130	20
% Nitrobenzene-d5	79	%	61	60	1.7				30 - 130	20
% Terphenyl-d14	84	%	80	84	4.9				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 350469 (ug/L), QC Sample No: BN62181 (BN62170 (5X) , BN62171 (2X) , BN62172 (5X) , BN62173 (5X) , BN62174 (5X))

Volatiles - Ground Water

Acetone	ND	5.0	75	80	6.5				70 - 130	30
Toluene	ND	1.0	96	100	4.1				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%.

I = This parameter is outside laboratory LCS/LCSD 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 29, 2016

Sample Criteria Exceedences Report

GBN62170 - CT-MALE

Criteria: None

State: NY

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

*** No Data to Display ***

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

NY # 11301

Analysis Comments

June 29, 2016 SDG I.D.: GBN62170

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

VOA Narration

CHEM17 06/25/16-1: BN62170, BN62171, BN62172, BN62173, BN62174

The following Initial Calibration compounds did not meet RSD% criteria: Bromomethane 27% (20%), Dichlorodifluoromethane 23% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.043 (0.05), Methyl ethyl ketone 0.084 (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: 1,2-Dibromo-3-chloropropane 0.042 (0.05)
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%.

CHEM17 06/26/16-1: BN62170, BN62171, BN62172, BN62173, BN62174

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 28% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.062 (0.1)
The following Initial 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%.

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

June 29, 2016

SDG I.D.: GBN62170

The samples in this delivery group were received at 2°C.
(Note acceptance criteria is above freezing up to 6°C)

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 2 °C Pg 1 of 1

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

Contact Options:
[ ] Fax:
[ ] Phone:
[ ] Email:

Customer: C.T. Male Associates
Address: 50 Century Hill Dr
Latham NY 12110

Project: Former Ralphs Cleaners
Report to: Aimee Gates
Invoice to: Aimee Gates

Project P.O: 16.6334

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 6/23/16

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	EPA 8260 VOCs (Full list)	CPSI B/N SVOCs	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
62170	CTM-MW-05	GW	6/23/16	0910	X	X				3	2					
62171	CTM-MW-04	GW		1000	X	X				3	2					
62172	CTM-MW-03	GW		1040	X	X				3	2					
62173	CTM-MW-02	GW		1115	X	X				3	2					
62174	CTM-MW-01	GW		1145	X	X				3	2					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/23/16	1410
[signature]	[signature]	6/23/16	3:35
[signature]	Carradine	6/23/16	1720

Comments, Special Requirements or Regulations:

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
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] 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

State where samples were collected: NY

ANALYTICAL REPORT

Lab Number:	L1831542
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12110
ATTN:	Aimee Smith
Phone:	(518) 786-7400
Project Name:	HAMILTON HILL 2
Project Number:	16.6334
Report Date:	08/21/18

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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

Project Name: HAMILTON HILL 2
Project Number: 16.6334

Lab Number: L1831542
Report Date: 08/21/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1831542-01	MW1	WATER	SCHENECTADY, NY	08/13/18 09:45	08/13/18
L1831542-02	MW2	WATER	SCHENECTADY, NY	08/13/18 10:25	08/13/18

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542
Project Number: 16.6334 **Report Date:** 08/21/18

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542
Project Number: 16.6334 **Report Date:** 08/21/18

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.

Total Metals

The WG1147711-3 MS recoveries for aluminum (360%), calcium (300%), iron (230%), magnesium (192%), manganese (161%) and sodium (380%), performed on L1831542-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

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: Amita Naik

Title: Technical Director/Representative Date: 08/21/18

ORGANICS

VOLATILES

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-01 Date Collected: 08/13/18 09:45
Client ID: MW1 Date Received: 08/13/18
Sample Location: SCHENECTADY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/16/18 01:54
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	1.4	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	0.87		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-01 Date Collected: 08/13/18 09:45

Client ID: MW1 Date Received: 08/13/18

Sample Location: SCHENECTADY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-02 Date Collected: 08/13/18 10:25
Client ID: MW2 Date Received: 08/13/18
Sample Location: SCHENECTADY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/16/18 02:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.8		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-02 Date Collected: 08/13/18 10:25

Client ID: MW2 Date Received: 08/13/18

Sample Location: SCHENECTADY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/15/18 19:23
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1147235-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/15/18 19:23
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1147235-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds			
Total TIC Compounds	1.16	J	ug/l
Unknown Alkene	1.16	J	ug/l

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/15/18 19:23
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1147235-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1147235-3 WG1147235-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	89		93		63-130	4		20
1,1,2-Trichloroethane	95		96		70-130	1		20
Tetrachloroethene	94		94		70-130	0		20
Chlorobenzene	93		94		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	98		99		70-130	1		20
1,1,1-Trichloroethane	100		98		67-130	2		20
Bromodichloromethane	96		95		67-130	1		20
trans-1,3-Dichloropropene	88		92		70-130	4		20
cis-1,3-Dichloropropene	97		97		70-130	0		20
Bromoform	89		92		54-136	3		20
1,1,2,2-Tetrachloroethane	94		96		67-130	2		20
Benzene	97		96		70-130	1		20
Toluene	93		93		70-130	0		20
Ethylbenzene	94		94		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	**16**	Q	**16**	Q	39-139	0		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1147235-3 WG1147235-4								
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	90		91		70-130	1		20
1,3-Dichlorobenzene	93		94		70-130	1		20
1,4-Dichlorobenzene	91		92		70-130	1		20
Methyl tert butyl ether	96		98		63-130	2		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	**150**	Q	140		36-147	7		20
Acetone	98		88		58-148	11		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	100		100		63-138	0		20
4-Methyl-2-pentanone	86		94		59-130	9		20
2-Hexanone	76		82		57-130	8		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	91		93		70-130	2		20
1,2-Dibromo-3-chloropropane	80		83		41-144	4		20
Isopropylbenzene	93		92		70-130	1		20
1,2,3-Trichlorobenzene	87		90		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1147235-3 WG1147235-4								
1,2,4-Trichlorobenzene	88		89		70-130	1		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	86		88		56-162	2		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	102		100		70-130

SEMIVOLATILES

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-01
Client ID: MW1
Sample Location: SCHENECTADY, NY

Date Collected: 08/13/18 09:45
Date Received: 08/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/20/18 16:49
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 08/18/18 02:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	91		15-120
4-Terphenyl-d14	101		41-149

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-02
Client ID: MW2
Sample Location: SCHENECTADY, NY

Date Collected: 08/13/18 10:25
Date Received: 08/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/20/18 17:15
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 08/18/18 02:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
Fluoranthene	0.06	J	ug/l	0.10	0.02	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.06	J	ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	75		15-120
4-Terphenyl-d14	87		41-149

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/20/18 15:02
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 08/18/18 02:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1148001-1					
Acenaphthene	ND		ug/l	0.10	0.01
Fluoranthene	0.05	J	ug/l	0.10	0.02
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	0.02	J	ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.05	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	0.05	J	ug/l	0.10	0.02

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	112		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: HAMILTON HILL 2
Project Number: 16.6334

Lab Number: L1831542
Report Date: 08/21/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1148001-2 WG1148001-3								
Acenaphthene	87		104		40-140	18		40
Fluoranthene	101		128		40-140	24		40
Naphthalene	80		96		40-140	18		40
Benzo(a)anthracene	90		100		40-140	11		40
Benzo(a)pyrene	98		113		40-140	14		40
Benzo(b)fluoranthene	96		109		40-140	13		40
Benzo(k)fluoranthene	89		104		40-140	16		40
Chrysene	86		98		40-140	13		40
Acenaphthylene	110		122		40-140	10		40
Anthracene	92		105		40-140	13		40
Benzo(ghi)perylene	62		92		40-140	39		40
Fluorene	96		111		40-140	14		40
Phenanthrene	86		97		40-140	12		40
Dibenzo(a,h)anthracene	100		123		40-140	21		40
Indeno(1,2,3-cd)pyrene	99		119		40-140	18		40
Pyrene	104		118		40-140	13		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1148001-2 WG1148001-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		74		21-120
Phenol-d6	63		71		10-120
Nitrobenzene-d5	88		97		23-120
2-Fluorobiphenyl	91		108		15-120
2,4,6-Tribromophenol	105		116		10-120
4-Terphenyl-d14	101		122		41-149

METALS

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-01 Date Collected: 08/13/18 09:45

Client ID: MW1 Date Received: 08/13/18

Sample Location: SCHENECTADY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13.9		mg/l	0.0100	0.00327	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Antimony, Total	0.00140	J	mg/l	0.00400	0.00042	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Arsenic, Total	0.02882		mg/l	0.00050	0.00016	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Barium, Total	0.2792		mg/l	0.00050	0.00017	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00150		mg/l	0.00050	0.00010	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00061		mg/l	0.00020	0.00005	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Calcium, Total	353.		mg/l	0.100	0.0394	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Chromium, Total	0.03348		mg/l	0.00100	0.00017	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Cobalt, Total	0.02890		mg/l	0.00050	0.00016	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Copper, Total	0.05603		mg/l	0.00100	0.00038	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Iron, Total	49.2		mg/l	0.0500	0.0191	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Lead, Total	0.03563		mg/l	0.00100	0.00034	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Magnesium, Total	51.6		mg/l	0.0700	0.0242	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Manganese, Total	2.612		mg/l	0.00150	0.00044	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/16/18 11:30	08/16/18 22:31	EPA 7470A	1,7470A	EA
Nickel, Total	0.04614		mg/l	0.00200	0.00055	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Potassium, Total	12.4		mg/l	0.100	0.0309	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Selenium, Total	0.0210		mg/l	0.00500	0.00173	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Sodium, Total	228.		mg/l	0.100	0.0293	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Thallium, Total	0.00029	J	mg/l	0.00050	0.00014	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Vanadium, Total	0.04341		mg/l	0.00500	0.00157	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM
Zinc, Total	0.1600		mg/l	0.01000	0.00341	1	08/17/18 10:15	08/17/18 16:21	EPA 3005A	1,6020B	AM

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

SAMPLE RESULTS

Lab ID: L1831542-02 Date Collected: 08/13/18 10:25

Client ID: MW2 Date Received: 08/13/18

Sample Location: SCHENECTADY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5.96		mg/l	0.0100	0.00327	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Antimony, Total	0.00246	J	mg/l	0.00400	0.00042	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00986		mg/l	0.00050	0.00016	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Barium, Total	0.06069		mg/l	0.00050	0.00017	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00027	J	mg/l	0.00050	0.00010	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00012	J	mg/l	0.00020	0.00005	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Calcium, Total	110.		mg/l	0.100	0.0394	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Chromium, Total	0.02080		mg/l	0.00100	0.00017	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00513		mg/l	0.00050	0.00016	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Copper, Total	0.02407		mg/l	0.00100	0.00038	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Iron, Total	31.2		mg/l	0.0500	0.0191	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Lead, Total	0.03948		mg/l	0.00100	0.00034	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Magnesium, Total	33.4		mg/l	0.0700	0.0242	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Manganese, Total	1.361		mg/l	0.00150	0.00044	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/16/18 11:30	08/16/18 22:33	EPA 7470A	1,7470A	EA
Nickel, Total	0.01736		mg/l	0.00200	0.00055	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Potassium, Total	19.1		mg/l	0.100	0.0309	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Selenium, Total	0.00352	J	mg/l	0.00500	0.00173	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Sodium, Total	155.		mg/l	0.100	0.0293	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Vanadium, Total	0.02413		mg/l	0.00500	0.00157	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM
Zinc, Total	0.04590		mg/l	0.01000	0.00341	1	08/17/18 10:15	08/17/18 16:26	EPA 3005A	1,6020B	AM

Project Name: HAMILTON HILL 2 **Lab Number:** L1831542

Project Number: 16.6334 **Report Date:** 08/21/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1147303-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	08/16/18 11:30	08/16/18 22:08	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1147711-1										
Aluminum, Total	0.00373	J	mg/l	0.0100	0.00327	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Antimony, Total	0.00058	J	mg/l	0.00400	0.00042	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Manganese, Total	0.00100	J	mg/l	0.00150	0.00044	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/17/18 10:15	08/17/18 15:09	1,6020B	AM

Project Name: HAMILTON HILL 2
Project Number: 16.6334
Lab Number: L1831542
Report Date: 08/21/18

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1147303-2								
Mercury, Total	90		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1147711-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	100	-	80-120	-	
Arsenic, Total	112	-	80-120	-	
Barium, Total	116	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	98	-	80-120	-	
Calcium, Total	109	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	107	-	80-120	-	
Copper, Total	108	-	80-120	-	
Iron, Total	116	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	106	-	80-120	-	
Manganese, Total	110	-	80-120	-	
Nickel, Total	108	-	80-120	-	
Potassium, Total	104	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	104	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1147711-2					
Zinc, Total	114	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: HAMILTON HILL 2
Project Number: 16.6334

Lab Number: L1831542
Report Date: 08/21/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1147303-3 WG1147303-4 QC Sample: L1831635-04 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00429	86		0.00473	95		75-125	10		20

Matrix Spike Analysis
Batch Quality Control

Project Name: HAMILTON HILL 2
Project Number: 16.6334

Lab Number: L1831542
Report Date: 08/21/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1147711-3 QC Sample: L1831542-01 Client ID: MW1										
Aluminum, Total	13.9	2	21.1	**360**	Q	-	-	75-125	-	20
Antimony, Total	0.00140J	0.5	0.4959	99		-	-	75-125	-	20
Arsenic, Total	0.02882	0.12	0.1628	112		-	-	75-125	-	20
Barium, Total	0.2792	2	2.763	124		-	-	75-125	-	20
Beryllium, Total	0.00150	0.05	0.05905	115		-	-	75-125	-	20
Cadmium, Total	0.00061	0.051	0.05487	106		-	-	75-125	-	20
Calcium, Total	353.	10	383	**300**	Q	-	-	75-125	-	20
Chromium, Total	0.03348	0.2	0.2601	113		-	-	75-125	-	20
Cobalt, Total	0.02890	0.5	0.5912	112		-	-	75-125	-	20
Copper, Total	0.05603	0.25	0.3353	112		-	-	75-125	-	20
Iron, Total	49.2	1	51.5	**230**	Q	-	-	75-125	-	20
Lead, Total	0.03563	0.51	0.5759	106		-	-	75-125	-	20
Magnesium, Total	51.6	10	70.8	**192**	Q	-	-	75-125	-	20
Manganese, Total	2.612	0.5	3.415	**161**	Q	-	-	75-125	-	20
Nickel, Total	0.04614	0.5	0.6044	112		-	-	75-125	-	20
Potassium, Total	12.4	10	24.5	121		-	-	75-125	-	20
Selenium, Total	0.0210	0.12	0.158	114		-	-	75-125	-	20
Silver, Total	ND	0.05	0.05235	105		-	-	75-125	-	20
Sodium, Total	228.	10	266	**380**	Q	-	-	75-125	-	20
Thallium, Total	0.00029J	0.12	0.1257	105		-	-	75-125	-	20
Vanadium, Total	0.04341	0.5	0.6318	118		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: HAMILTON HILL 2
Project Number: 16.6334

Lab Number: L1831542
Report Date: 08/21/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1147711-3 QC Sample: L1831542-01 Client ID: MW1									
Zinc, Total	0.1600	0.5	0.7521	118	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1147711-4 QC Sample: L1831542-01 Client ID: MW1						
Aluminum, Total	13.9	13.2	mg/l	5		20
Antimony, Total	0.00140J	0.00442	mg/l	NC		20
Arsenic, Total	0.02882	0.02912	mg/l	1		20
Barium, Total	0.2792	0.2818	mg/l	1		20
Beryllium, Total	0.00150	0.00146	mg/l	2		20
Cadmium, Total	0.00061	0.00062	mg/l	0		20
Calcium, Total	353.	346	mg/l	2		20
Chromium, Total	0.03348	0.03221	mg/l	4		20
Cobalt, Total	0.02890	0.02826	mg/l	2		20
Copper, Total	0.05603	0.05614	mg/l	0		20
Iron, Total	49.2	47.1	mg/l	4		20
Lead, Total	0.03563	0.03439	mg/l	4		20
Magnesium, Total	51.6	52.9	mg/l	2		20
Manganese, Total	2.612	2.545	mg/l	3		20
Nickel, Total	0.04614	0.04326	mg/l	6		20
Potassium, Total	12.4	12.4	mg/l	0		20
Selenium, Total	0.0210	0.0206	mg/l	2		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	228.	224	mg/l	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: HAMILTON HILL 2

Project Number: 16.6334

Lab Number: L1831542

Report Date: 08/21/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1147711-4 QC Sample: L1831542-01 Client ID: MW1					
Thallium, Total	0.00029J	0.00052	mg/l	NC	20
Vanadium, Total	0.04341	0.04182	mg/l	4	20
Zinc, Total	0.1600	0.1547	mg/l	3	20

Project Name: HAMILTON HILL 2
Project Number: 16.6334

Lab Number: L1831542
Report Date: 08/21/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1831542-01A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L1831542-01B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L1831542-01C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L1831542-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1831542-01E	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYCP51-PAHSIM-LVI(7)
L1831542-01F	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYCP51-PAHSIM-LVI(7)
L1831542-02A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L1831542-02B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L1831542-02C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L1831542-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1831542-02E	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYCP51-PAHSIM-LVI(7)
L1831542-02F	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYCP51-PAHSIM-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	HAMILTON HILL 2	**Lab Number:**	L1831542
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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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers

Project Name:	HAMILTON HILL 2	**Lab Number:**	L1831542
Project Number:	16.6334	**Report Date:**	08/21/18

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 ten times (10x) 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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

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 lower value for the two columns has been reported 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.

S - Analytical results are from modified screening analysis.

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:	HAMILTON HILL 2	**Lab Number:**	L1831542
Project Number:	16.6334	**Report Date:**	08/21/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/13/18 8/15/18 AM

ALPHA Job # L1831542

Client Information
Client: CT Male Associates
Address: 50 Century Hill Drive Latham, NY 12110
Phone:
Fax:
Email: a.smith@ctmale.com

Project Information
Project Name: Hamilton Hill 2
Project Location: Schenectady, NY
Project # 16.6334
(Use Project name as Project #) ☐
Project Manager: Aimee Smith
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ 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	VOC EPA 8260	SVOC CPSI 8270	TAL Metals	Sample Specific Comments	Total Bottle
31542 -01	MW1	8/13/18	0945	GW	BW	X	X	X		6
-02	MW2	8/13/18	1025	GW	BW	X	X	X		6

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	P					
Preservative	B	N	C					

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	8/13/18 1110	[signature] AAL	8-13-18 11:10
Robert Haines	8-13-18 11:10	Nam	8/13/18 01:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No. 01-25 HC (rev. 30-Sept-2013)