PHOENIX

Environmental Laboratories, Inc.
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Analysis Report

March 17, 2017

FOR: Attn: Mr. David Brassard
ATC Associates
290 Roberts St., Suite 204
East Hartford, CT 06108

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/09/17	15:00
Location Code:	CARDNO-EH	Received by:	LB	03/09/17	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBX83571
Phoenix ID: BX83580

Project ID: MDC
Client ID: COMP 3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	1	03/10/17	TH	SW6010C
Arsenic	< 0.68	0.68	mg/Kg	1	03/10/17	TH	SW6010C
Barium	72.8	0.34	mg/Kg	1	03/10/17	TH	SW6010C
Cadmium	< 0.34	0.34	mg/Kg	1	03/10/17	TH	SW6010C
Chromium	6.30	0.34	mg/Kg	1	03/10/17	TH	SW6010C
Copper	6.12	0.34	mg/kg	1	03/10/17	TH	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	03/13/17	RS	SW7471B
Nickel	4.81	0.34	mg/Kg	1	03/10/17	TH	SW6010C
Lead	1.39	0.34	mg/Kg	1	03/10/17	TH	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	03/10/17	TH	SW6010C
Zinc	22.9	0.34	mg/Kg	1	03/10/17	TH	SW6010C
Percent Solid	96		%		03/09/17	Q	SW846-%Solid
Soil Extraction for PCB	Completed				03/09/17	BJ/V	SW3545A
Soil Extraction SVOA PAH	Completed				03/09/17	ZJ/CKV	SW3545A
Extraction of CT ETPH	Completed				03/09/17	ZJ/CKV	SW3545A
Mercury Digestion	Completed				03/13/17	QW/QW	SW7471B
Total Metals Digest	Completed				03/09/17	N/AG/BF	SW3050B
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	51	mg/Kg	1	03/10/17	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	03/10/17	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	93		%	1	03/10/17	JRB	50 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
PCB-1221	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
PCB-1232	ND	340	ug/Kg	10	03/10/17	AW	SW8082A

Project ID: MDC
Client ID: COMP 3

Phoenix I.D.: BX83580

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1242	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
PCB-1248	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
PCB-1254	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
PCB-1260	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
PCB-1262	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
PCB-1268	ND	340	ug/Kg	10	03/10/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	83		%	10	03/10/17	AW	30 - 150 %
% TCMX	86		%	10	03/10/17	AW	30 - 150 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Acenaphthene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Anthracene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Chrysene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Fluoranthene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Fluorene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Naphthalene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Phenanthrene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
Pyrene	ND	240	ug/Kg	1	03/10/17	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	1	03/10/17	DD	30 - 130 %
% Nitrobenzene-d5	62		%	1	03/10/17	DD	30 - 130 %
% Terphenyl-d14	69		%	1	03/10/17	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected 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:

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

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

Phyllis Shiller, Laboratory Director
March 17, 2017
Reviewed and Released by: Ethan Lee, Project Manager

TABLE 1
Summary of Soil Analytical Results
(mg/kg, except as noted)

Analytical Parameter	CT RSRs Regulatory Criteria			Kleinfelder Borings				South Street									
			Sample Location ----->	NA	NA	NA	NA	Composite of 105+00, 106+50 and 108+00	Grab from 108+00 for VOCs only	Composite of 105+00 and 106+50	Grab from 106+50 for VOCs only	Grab (for VOCs only) and Composite from 108+00	Grab from 113+60	Grab from 114+00	Grab from 114+35	Grab from 114+35 (W)	Grab from 115+10 (W)
			Sample ID	FR5-TB17	FR5-TB24	FR5-TB32	FR5-TB36	SS-Fill	SS-3 Fill	SS-(1+2) Soil	SS-2 Soil	SS-3 Soil	B-12B (2-4)	B-12 (2-4)	B-12A (2-4)	B-11 (2-4)	B-10 (2-4)
			Sample Depth ------>	5 - 7	15 - 16	10 - 12	13 - 15	SHALLOW 1.5-5.5' @ 105+00, 1.5-3.5' @ 106+50, 1-5' @ 108+00	SHALLOW 1-3' @108+00	DEEP 7.5-8.5' @ 105+00, 3.5-7.5' @ 106+50	DEEP 5.5-7.5' @ 106+00	DEEP 7-9' @ 108+00	SHALLOW 2-4' @ 113+60	SHALLOW 2-4' @ 114 +00	SHALLOW 2-4' @ 114+35	SHALLOW 2-4 @ 114+35 (W)	SHALLOW 2-4 @ 115+10 (W)
	R-DEC	I/C-DEC	GA-PMC	22-Apr-10	22-Apr-10	14-Apr-10	14-Apr-10	24-Apr-12	24-Apr-12	24-Apr-12	24-Apr-12	24-Apr-12	21-May-12	24-May-12	24-May-12	24-May-12	24-May-12
VOCs by EPA 8260B																	
Acetone	500	1,000	14	ND	ND	ND	ND	NT	ND	NT	0.0689	ND	ND	ND	ND	ND	0.423
Benzene	21	200	0.02	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NE	NE	NE	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NE	NE	NE	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	NE	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND
Other VOCs	Varies	Varies	Varies	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs :				ND	ND	ND	ND	NT	ND	NT	0.0689	ND	ND	ND	ND	ND	0.423
SVOCs by EPA 8270C																	
Acenaphthene	NE	NE	NE	ND	ND	0.340	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND
Acenaphthylene	1,000	2500	8.4	ND	ND	ND	ND	ND	NT	ND	NT	ND	0.439	ND	ND	ND	ND
Anthracene	1,000	2,500	40	ND	ND	0.280	ND	ND	NT	ND	NT	ND	0.773	ND	ND	ND	ND
Benzo [a] Anthracene	1	7.8	1	ND	ND	ND	ND	ND	NT	ND	NT	ND	**2.50**	**1.66**	**1.44**	ND	0.671
Benzo [b] Fluoranthene	1	7.8	1	ND	ND	ND	ND	ND	NT	ND	NT	ND	**2.36**	**1.69**	**2.41**	ND	0.646
Benzo [k] Fluoranthene	8.4	78	1	ND	ND	ND	ND	ND	NT	ND	NT	ND	1.28	0.902	1.39	ND	0.608
Benzo [a] Pyrene	1	1	1	ND	ND	ND	ND	ND	NT	ND	NT	ND	**2.25**	**1.40**	**2.16**	0.268	0.553
Benzo [g,h,i] Perylene	*1,000	*2,500	*4.2	ND	ND	ND	ND	ND	NT	ND	NT	ND	1.62	1.50	1.39	ND	ND
Bis(2-Ethylhexyl)Phthalate	44	410	1	ND	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND
Carbazole	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND
Chrysene	*8.4	*780	#1	ND	ND	ND	ND	ND	NT	ND	NT	ND	3.33	1.71	1.74	0.339	0.922
Dibenzo [a,h] Anthracene	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	NT	ND	0.584	ND	0.780	ND	ND
Dibenzofuran	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND
Diethylphthalate	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	0.620	0.569
Fluoranthene	1,000	2,500	5.6	ND	ND	ND	ND	ND	NT	ND	NT	ND	4.73	2.71	2.17	0.636	1.52
Flourene	1,000	2,500	5.6	ND	ND	0.330	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] Pyrene	*1	*7.8	*1	ND	ND	ND	ND	ND	NT	ND	NT	ND	**1.36**	**1.20**	**1.50**	ND	ND
2-Methylnaphthalene	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND
Naphthlene	1,000	2,500	5.6	ND	ND	ND	ND	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND
Phenanthrene	1,000	2,500	4	ND	ND	0.700	ND	ND	NT	ND	NT	ND	1.59	1.23	1.08	ND	0.843
Pyrene	1,000	2,500	4	ND	ND	ND	ND	ND	NT	ND	NT	ND	5.52	2.55	2.26	0.543	1.26
TOTAL SVOCs :				ND	ND	1.650	ND	ND	NT	ND	NT	ND	28.336	16.552	18.32	2.406	7.592
ETPH by CTETPH																	
ETPH C9 to C36	500	2,500	500	ND	ND	350	ND	68	NT	120	NT	26	275	349	200	33.3	150
Total Metals																	
Arsenic	10	10	0.05	4.7	3.4	2.1	2.9	1.5	NT	2.1	NT	1.3	NT	NT	NT	NT	NT
Barium	4,700	140,000	1	107	124	79.7	169	76	NT	120	NT	64	NT	NT	NT	NT	NT
Cadmium	34	1,000	0.005	ND	ND	ND	ND	ND	NT	ND	NT	ND	NT	NT	NT	NT	NT
Chromium	*100	*100	0.05	26.7	32.3	18.7	31.7	17	NT	30	NT	18	NT	NT	NT	NT	NT
Lead	500	1,000	0.015	6.35	9.4	4.74	12.6	2.9	NT	12	NT	1.8	NT	NT	NT	NT	NT
Mercury	20	610	0.002	ND	ND	ND	ND	ND	NT	ND	NT	ND	NT	NT	NT	NT	NT
Selenium	340	10,000	0.05	ND	ND	ND	ND	ND	NT	ND	NT	ND	NT	NT	NT	NT	NT
Silver	340	10,000	0.036	ND	ND	ND	ND	ND	NT	ND	NT	ND	NT	NT	NT	NT	NT
PCBs by EPA 8082																	
Total PCBs :	1	10	0.0005	ND	ND	ND	ND	ND	NT	ND	NT	ND	NT	NT	NT	NT	NT
Conductivity by EPA 8050	**units are umhos/cm**																
Conductivity :	NE	NE	NE	NT	NT	NT	NT	416	NT	197	NT	225	NT	NT	NT	NT	NT

Notes:
ND = indicates Not Detected above the stated method reporting limit.
NE = indicates standard Not Established
NT = indicates Not Tested
Bold = indicates one or more of the RSR criteria were exceeded
* = Value is from the 2008 proposed RSR revisions

1. CT RSRs = Connecticut Remediation Standard Regulations.
2. R-DEC = Residential Direct Exposure Criteria
3. GA-PMC = Class GA Pollutant Mobility Criteria
4. Only detected constituents are shown in the table, full analytical results are included in the attached laboratory reports

TABLE 1
Summary of Soil Analytical Results
(mg/kg, except as noted)

Analytical Parameter	CT RSRs Regulatory Criteria			Kleinfelder Borings				South Street and Maple Ave						
			Sample Location ----->	NA	NA	NA	NA	Composite from 114+75 and 601+50	Grab from 114+75 VOCs only	Grab (for VOCs only) and Composite from 114+75	Composite from 601+50	Grab from 601+50 VOCs only	Grab from 115+60	Grab from 601+50
			Sample ID	FR5-TB17	FR5-TB24	FR5-TB32	FR5-TB36	SS/MA-Fill	SS-4-Fill	SS-4 (Soil)	MA-5 (Soil)	MA-5 (Soil)	B-9 (2-4)	B-5A (2-4)
			Sample Depth ------>	5 - 7	15 - 16	10 - 12	13 - 15	SHALLOW 2-4' @ 114+75, 2-4' @ 601+50	SHALLOW 2-4' @ 114+75	DEEP 6-8' @ 114+75	DEEP 5-9' @ 601+50	DEEP 5-7' @ 601+50	SHALLOW 2-4' @ 115+60	SHALLOW 2-4' @ 601+50
	R-DEC	I/C-DEC	GA-PMC	22-Apr-10	22-Apr-10	14-Apr-10	14-Apr-10	25-Apr-12	25-Apr-12	25-Apr-12	25-Apr-12	25-Apr-12	24-May-12	24-May-12
VOCs by EPA 8260B														
Acetone	500	1,000	14	ND	ND	ND	ND	NT	ND	ND	NT	ND	0.103	ND
Benzene	21	200	0.02	ND	ND	ND	ND	NT	ND	ND	NT	ND	0.0067	ND
1,2,4-Trimethylbenzene	NE	NE	NE	ND	ND	ND	ND	NT	0.0144	ND	NT	ND	ND	ND
1,3,5-Trimethylbenzene	NE	NE	NE	ND	ND	ND	ND	NT	0.0065	ND	NT	ND	ND	ND
Naphthalene	NE	NE	NE	ND	ND	ND	ND	NT	0.0844	ND	NT	ND	0.0079	ND
Other VOCs	Varies	Varies	Varies	ND	ND	ND	ND	NT	ND	ND	NT	ND	ND	ND
TOTAL VOCs :				ND	ND	ND	ND	NT	0.1053	ND	NT	ND	0.1176	ND
SVOCs by EPA 8270C														
Acenaphthene	NE	NE	NE	ND	ND	0.340	ND	1.70	NT	ND	ND	NT	ND	ND
Acenaphthylene	1,000	2500	8.4	ND	ND	ND	ND	0.610	NT	ND	ND	NT	ND	ND
Anthracene	1,000	2,500	40	ND	ND	0.280	ND	5.10	NT	ND	ND	NT	0.888	ND
Benzo [a] Anthracene	1	7.8	1	ND	ND	ND	ND	**7.50**	NT	ND	ND	NT	**2.73**	ND
Benzo [b] Fluoranthene	1	7.8	1	ND	ND	ND	ND	**7.30**	NT	ND	ND	NT	**2.55**	ND
Benzo [k] Fluoranthene	8.4	78	1	ND	ND	ND	ND	3.90	NT	ND	ND	NT	1.98	ND
Benzo [a] Pyrene	1	1	1	ND	ND	ND	ND	**5.70**	NT	ND	ND	NT	**2.48**	0.212
Benzo [g,h,i] Perylene	*1,000	*2,500	*4.2	ND	ND	ND	ND	2.40	NT	ND	ND	NT	1.29	ND
Bis(2-Ethylhexyl)Phthalate	44	410	1	ND	ND	ND	ND	ND	NT	ND	ND	NT	ND	ND
Carbazole	NE	NE	NE	ND	ND	ND	ND	1.20	NT	ND	ND	NT	ND	ND
Chrysene	*8.4	*780	#1	ND	ND	ND	ND	8.60	NT	ND	ND	NT	3.22	0.264
Dibenzo [a,h] Anthracene	NE	NE	NE	ND	ND	ND	ND	0.980	NT	ND	ND	NT	0.756	ND
Dibenzofuran	NE	NE	NE	ND	ND	ND	ND	1.50	NT	ND	ND	NT	ND	ND
Diethylphthalate	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	ND	NT	0.627	0.611
Fluoranthene	1,000	2,500	5.6	ND	ND	ND	ND	25.0	NT	ND	ND	NT	5.45	0.408
Flourene	1,000	2,500	5.6	ND	ND	0.330	ND	2.70	NT	ND	ND	NT	ND	ND
Indeno [1,2,3-cd] Pyrene	*1	*7.8	*1	ND	ND	ND	ND	**2.90**	NT	ND	ND	NT	**1.31**	ND
2-Methylnaphthalene	NE	NE	NE	ND	ND	ND	ND	0.410	NT	ND	ND	NT	ND	ND
Naphthlene	1,000	2,500	5.6	ND	ND	ND	ND	0.770	NT	ND	ND	NT	ND	ND
Phenanthrene	1,000	2,500	4	ND	ND	0.700	ND	18.0	NT	ND	ND	NT	3.15	ND
Pyrene	1,000	2,500	4	ND	ND	ND	ND	23.0	NT	ND	ND	NT	4.67	ND
TOTAL SVOCs :				ND	ND	1.650	ND	119.3	NT	ND	ND	NT	31.101	1.495
ETPH by CTETPH														
ETPH C9 to C36	500	2,500	500	ND	ND	350	ND	**1,100**	NT	ND	19	NT	104	20.2
Total Metals														
Arsenic	10	10	0.05	4.7	3.4	2.1	2.9	1.4	NT	1.8	1.9	NT	NT	NT
Barium	4,700	140,000	1	107	124	79.7	169	83	NT	170	160	NT	NT	NT
Cadmium	34	1,000	0.005	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	NT
Chromium	*100	*100	0.05	26.7	32.3	18.7	31.7	21	NT	30	25	NT	NT	NT
Lead	500	1,000	0.015	6.35	9.4	4.74	12.6	19	NT	11	9.8	NT	NT	NT
Mercury	20	610	0.002	ND	ND	ND	ND	0.019	NT	ND	ND	NT	NT	NT
Selenium	340	10,000	0.05	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	NT
Silver	340	10,000	0.036	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	NT
PCBs by EPA 8082														
Total PCBs :	1	10	0.0005	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	NT
Conductivity by EPA 8050	**units are umhos/cm**													
Conductivity :	NE	NE	NE	NT	NT	NT	NT	453	NT	180	234	NT	NT	NT

Notes:
ND = indicates Not Detected above the stated method reporting limit.
NE = indicates standard Not Established
NT = indicates Not Tested
Bold = indicates one or more of the RSR criteria were exceeded
* = Value is from the 2008 proposed RSR revisions

1. CT RSRs = Connecticut Remediation Standard Regulations.
2. R-DEC = Residential Direct Exposure Criteria
3. GA-PMC = Class GA Pollutant Mobility Criteria
4. Only detected constituents are shown in the table, full analytical results are included in the attached laboratory reports

TABLE 1
Summary of Soil Analytical Results
(mg/kg, except as noted)

Analytical Parameter	CT RSRs Regulatory Criteria			Kleinfelder Borings				Torwood Street					Fairfield Ave		
			Sample Location ----->	NA	NA	NA	NA	Composite from 902+00 and 903+75	Grab from 902+00 VOCs only	Grab (for VOCs only) and Composite from 902+00	Composite from 903+75	Grab from 903+75 VOCs only	Grab from 117+75 VOCs only	Composite from 117+75	Grab (for VOCs only) and Composite from 117+75
			Sample ID	FR5-TB17	FR5-TB24	FR5-TB32	FR5-TB36	TS-Fill	TS-6-Fill	TS-6 (Soil)	TS-7 (Soil)	TS-7 (Soil)	FA-Fill	FA-Fill	FA-Soil
			Sample Depth ------>	5 - 7	15 - 16	10 - 12	13 - 15	SHALLOW 1-3' @ 902+00, 1-5' @ 903+75	SHALLOW 1-3' @ 902+00	DEEP 5-9' @ 902+00	DEEP 5-9' @ 903+75	DEEP 5-7' @ 903+75	SHALLOW 1.5-3.5' @ 117+75	SHALLOW 1.5-5.5' @ 117+75	DEEP 5-7' @ 117+75
	R-DEC	I/C-DEC	GA-PMC	22-Apr-10	22-Apr-10	14-Apr-10	14-Apr-10	25-Apr-12	25-Apr-12	25-Apr-12	25-Apr-12	25-Apr-12	25-Apr-12	25-Apr-12	25-Apr-12
VOCs by EPA 8260B															
Acetone	500	1,000	14	ND	ND	ND	ND	NT	0.112	ND	NT	ND	ND	NT	ND
Benzene	21	200	0.02	ND	ND	ND	ND	NT	ND	ND	NT	ND	ND	NT	ND
1,2,4-Trimethylbenzene	NE	NE	NE	ND	ND	ND	ND	NT	ND	ND	NT	ND	ND	NT	ND
1,3,5-Trimethylbenzene	NE	NE	NE	ND	ND	ND	ND	NT	ND	ND	NT	ND	ND	NT	ND
Naphthalene	NE	NE	NE	ND	ND	ND	ND	NT	ND	ND	NT	ND	ND	NT	ND
Other VOCs	Varies	Varies	Varies	ND	ND	ND	ND	NT	ND	ND	NT	ND	ND	NT	ND
TOTAL VOCs :				ND	ND	ND	ND	NT	0.112	ND	NT	ND	ND	NT	ND
SVOCs by EPA 8270C															
Acenaphthene	NE	NE	NE	ND	ND	0.340	ND	ND	NT	ND	ND	NT	NT	ND	ND
Acenaphthylene	1,000	2500	8.4	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Anthracene	1,000	2,500	40	ND	ND	0.280	ND	ND	NT	ND	ND	NT	NT	ND	ND
Benzo [a] Anthracene	1	7.8	1	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Benzo [b] Fluoranthene	1	7.8	1	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Benzo [k] Fluoranthene	8.4	78	1	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Benzo [a] Pyrene	1	1	1	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Benzo [g,h,i] Perylene	*1,000	*2,500	*4.2	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Bis(2-Ethylhexyl)Phthalate	44	410	1	ND	ND	ND	ND	ND	NT	ND	0.503	NT	NT	ND	ND
Carbazole	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Chrysene	*8.4	*780	#1	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Dibenzo [a,h] Anthracene	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Dibenzofuran	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Diethylphthalate	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Fluoranthene	1,000	2,500	5.6	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Flourene	1,000	2,500	5.6	ND	ND	0.330	ND	ND	NT	ND	ND	NT	NT	ND	ND
Indeno [1,2,3-cd] Pyrene	*1	*7.8	*1	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
2-Methylnaphthalene	NE	NE	NE	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Naphthlene	1,000	2,500	5.6	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Phenanthrene	1,000	2,500	4	ND	ND	0.700	ND	ND	NT	ND	ND	NT	NT	ND	ND
Pyrene	1,000	2,500	4	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
TOTAL SVOCs :				ND	ND	1.650	ND	ND	NT	ND	0.503	NT	NT	ND	ND
ETPH by CTETPH															
ETPH C9 to C36	500	2,500	500	ND	ND	350	ND	ND	NT	ND	ND	NT	NT	34	ND
Total Metals															
Arsenic	10	10	0.05	4.7	3.4	2.1	2.9	1.9	NT	1.5	1.5	NT	NT	1.6	2.2
Barium	4,700	140,000	1	107	124	79.7	169	64	NT	100	83	NT	NT	130	230
Cadmium	34	1,000	0.005	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Chromium	*100	*100	0.05	26.7	32.3	18.7	31.7	19	NT	16	23	NT	NT	26	23
Lead	500	1,000	0.015	6.35	9.4	4.74	12.6	9.2	NT	5.5	7.4	NT	NT	7.7	7.7
Mercury	20	610	0.002	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Selenium	340	10,000	0.05	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Silver	340	10,000	0.036	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
PCBs by EPA 8082															
Total PCBs :	1	10	0.0005	ND	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
Conductivity by EPA 8050	**units are umhos/cm**														
Conductivity :	NE	NE	NE	NT	NT	NT	NT	947	NT	548	317	NT	NT	513	452

Notes:
ND = indicates Not Detected above the stated method reporting limit.
NE = indicates standard Not Established
NT = indicates Not Tested
Bold = indicates one or more of the RSR criteria were exceeded
* = Value is from the 2008 proposed RSR revisions

1. CT RSRs = Connecticut Remediation Standard Regulations.
2. R-DEC = Residential Direct Exposure Criteria
3. GA-PMC = Class GA Pollutant Mobility Criteria
4. Only detected constituents are shown in the table, full analytical results are included in the attached laboratory reports