



# D.V.D. Environmental, Inc.

*PO Box 2152, Cliffside Park, New Jersey 07010*

*Phone: 212 260 9818 Fax: 201 941 8739 www.dvdenvironmental.com*

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August 7, 2012

Mr. Rick Dicola  
Saber WP, LLC  
80 Business Park Drive Suite 100  
Armonk, New York 10504

**Re: Subsurface environmental investigation services and inspection for Recognized Environmental Concerns at the former Ford Dealership at 80 Westchester Avenue in White Plains, New York.**

Dear Mr. Dicola:

Enclosed please find the results of soil sample analysis as per New York State STARS/CP51 parameters. All soil analyses was performed by Phoenix Environmental Laboratories, Inc.

Although the soil analyses showed acceptable levels of volatile and semi volatile organic compounds several recognized environmental concerns were found at the site. These should be handled as contaminated materials prior to construction or demolition at the property. The soil sample results, NYS DEC Guidance table and descriptions of the recognized environmental concerns are attached.

Thank you for the opportunity to be of service to you.

Respectfully submitted,

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DVD ENVIRONMENTAL, INC.



# D.V.D. Environmental, Inc.

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## Attachment 1

**Table 2**  
**Guidance Values for Fuel Oil Contaminated Soil\***

Compound	EPA Method	Detection Limit <sup>(1)</sup> (ppb)		TCLP Extraction Guidance Value <sup>(2)</sup> C <sub>w</sub> (ppb)	TCLP Alternative Guidance Value C <sub>a</sub> (ppb)	Human Health Guidance Value C <sub>h</sub> (ppb)	Sediment Guidance Value C <sub>s</sub> (ppb) Marine
		Liquid	Solid				
Benzene	8021 (8020)	1	2	0.7	14	2.4 x 10 <sup>4</sup>	
Ethylbenzene	8021 (8020)	1	2	5	100	8.0 x 10 <sup>6</sup>	
Toluene	8021 (8020)	1	2	5	100	2.0 x 10 <sup>7</sup>	
o-Xylene	8021 (8020)	2	2	5	100	2.0 x 10 <sup>8</sup>	
m-Xylene	8021 (8020)	2	2	5	100	2.0 x 10 <sup>8</sup>	
p-Xylene	8021 (8020)	2	2	5	100	***	
Mixed Xylenes	8021 (8020)	2	2	5	100	2.0 x 10 <sup>8</sup>	
Isopropylbenzene	8021	1	1	5	100	***	
n-Propylbenzene	8021	1	1	5	100	***	
p-Isopropyltoluene	8021	1	1	5	100	***	
1,2,4-Trimethylbenzene	8021	1	1	5	100	***	
1,3,5-Trimethylbenzene	8021	1	1	5	100	***	

n-Butylbenzene	8021	1	1	5	100	***	
sec-Butylbenzene	8021	1	1	5	100	***	
t-Butyl benzene	8021	1	1	5	100	***	
Naphthalene <sup>(3)</sup>	8021 (8270)	1 (6)	1 (330)	10	200	3.0 x 10 <sup>5</sup>	
Anthracene	8270	8	330	50	1,000	2.0 x 10 <sup>7</sup>	
Fluorene	8270	8	330	50	1,000	3.0 x 10 <sup>6</sup>	
Phenanthrene	8270	22	330	50	1,000	***	
Pyrene	8270	8	330	50	1,000	2.0 x 10 <sup>6</sup>	
Acenaphthene	8270	8	330	20	400	5.0 x 10 <sup>6</sup>	
Benzo(a)anthracene	8270	31	330	.002	.04 <sup>(4)</sup>	220	18
Fluoranthene	8270	9	330	50	1,000	3.0 x 10 <sup>6</sup>	
Benzo(b)fluoranthene	8270	19	330	.002	.04 <sup>(4)</sup>	220	18
Benzo(k)fluoranthene	8270	10	330	.002	.04 <sup>(4)</sup>	220	18
Chrysene	8270	10	330	.002	.04 <sup>(4)</sup>	***	18
Benzo(a)pyrene	8270	10	330	.002	.04 <sup>(4)</sup>	61	18
Benzo(g,h,i)perylene	8270	10	330	.002	.04 <sup>(4)</sup>	***	
Indeno (1,2,3-cd)pyrene	8270	10	330	.002	.04 <sup>(4)</sup>	***	
Dibenz(a,h)anthracene	8270	10	330	50	1,000	14	

**\*Nuisance Characteristics Guidance:**

**No Petroleum-type odors.**

**No individual contaminant in soil at greater than 10,000 ppb.**

(1) The listed Detection Limits are Practical Quantitation Limits (PQL's). The Method Detection Limit (MDL) is the best possible detection. Laboratories report the Practical Quantitation Limit (PQL), which is generally 4 times the MDL. Efforts should be made to obtain the best detection possible when selecting a laboratory. When the Guidance Value or standard is below the detection limit, achieving the detection limit will be considered acceptable for meeting the Guidance Value or standard.



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(2) The TCLP Extraction Guidance Values are equal to the NYSDEC groundwater quality standards or Guidance Values, or the NYSDOH drinking water quality standards or Guidance Values, whichever is more stringent.

(3) For naphthalene analysis in a liquid matrix, both Method 8021 and Method 8270 can provide satisfactory levels for comparison to the Cw of 10 ppb. For naphthalene analysis in a solid matrix, Method 8021 is preferred over Method 8270 for comparison to the Ca of 200 ppb. If the Ca Guidance Value is not being used in the soil evaluation, then both Method 8021 and 8270 can provide satisfactory detection levels for comparison to the Ch of  $3.0 \times 10^5$ , and nuisance characteristic of 10,000 ppb.

(4) Due to the high detection limit for a solid matrix, the TCLP Extraction Method must be used to demonstrate groundwater quality protection for these compounds.

\*\*\* No Guidance Value identified in EPA HEAST Report.



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## Attachment 2

### Recognized Environmental Concerns:

#### 1. Waste oil pits in the vicinity of sample GB-8.



Two 4'x4'x4' waste oil pits were found beneath small manhole covers on the North side of the basement. Waste oil debris and oil filters were found inside. The pits should be cleaned out and the contents should be disposed of as waste oil. If the vaults are scheduled for removal, the concrete should be treated as contaminated waste.

#### 2. Hydraulic lift reservoirs:

Several hydraulic lift reservoirs remain in the basement. It is assumed that hydraulic oil remains inside. They should be drained and cleaned, all materials removed from them should be treated as contaminated waste and handled and disposed of as waste oil. If they are scheduled for demolition, the concrete and metal covers should be considered contaminated.



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10927

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-1 (7.5-9 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
Benzene	ND	2.3	ug/Kg	07/19/12	R/J	8021/8260
Ethylbenzene	ND	2.3	ug/Kg	07/19/12	R/J	8021/8260
Isopropylbenzene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
m&p-Xylene	ND	2.3	ug/Kg	07/19/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
Naphthalene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
n-Butylbenzene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
n-Propylbenzene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
o-Xylene	ND	2.3	ug/Kg	07/19/12	R/J	8021/8260
p-Isopropyltoluene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
sec-Butylbenzene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
tert-Butylbenzene	ND	1.1	ug/Kg	07/19/12	R/J	8021/8260
Toluene	ND	2.3	ug/Kg	07/19/12	R/J	8021/8260
Total Xylenes	ND	2.3	ug/Kg	07/19/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	105		%	07/19/12	R/J	70 - 130 %
% Bromofluorobenzene	96		%	07/19/12	R/J	70 - 130 %
% Dibromofluoromethane	106		%	07/19/12	R/J	70 - 130 %
% Toluene-d8	99		%	07/19/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	07/17/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	260	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	82		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	87		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	110		%	07/17/12	DD	30 - 130 %

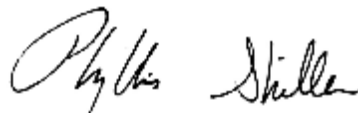
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils 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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 HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

July 27, 2012



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10928

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-2 (6.5-8.5 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
Benzene	ND	2.0	ug/Kg	07/24/12	R/J	8021/8260
Ethylbenzene	ND	2.0	ug/Kg	07/24/12	R/J	8021/8260
Isopropylbenzene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
m&p-Xylene	ND	2.0	ug/Kg	07/24/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
Naphthalene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
n-Butylbenzene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
n-Propylbenzene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
o-Xylene	ND	2.0	ug/Kg	07/24/12	R/J	8021/8260
p-Isopropyltoluene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
sec-Butylbenzene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
tert-Butylbenzene	ND	1.0	ug/Kg	07/24/12	R/J	8021/8260
Toluene	ND	2.0	ug/Kg	07/24/12	R/J	8021/8260
Total Xylenes	ND	2.0	ug/Kg	07/24/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	97		%	07/24/12	R/J	70 - 130 %
% Bromofluorobenzene	77		%	07/24/12	R/J	70 - 130 %
% Dibromofluoromethane	98		%	07/24/12	R/J	70 - 130 %
% Toluene-d8	93		%	07/24/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	280	ug/Kg	07/17/12	DD	SW 8270



Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	74		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	78		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	97		%	07/17/12	DD	30 - 130 %

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

**Comments:**

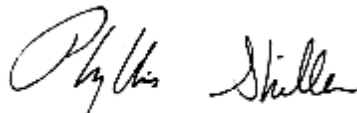
\*\*Poor IS recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

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Phyllis Shiller, Laboratory Director

July 27, 2012



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# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10929

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-3 (8-12 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
Benzene	ND	2.4	ug/Kg	07/19/12	R/J	8021/8260
Ethylbenzene	ND	2.4	ug/Kg	07/19/12	R/J	8021/8260
Isopropylbenzene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
m&p-Xylene	ND	2.4	ug/Kg	07/19/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	1.2	1.2	ug/Kg	07/19/12	R/J	8021/8260
Naphthalene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
n-Butylbenzene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
n-Propylbenzene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
o-Xylene	ND	2.4	ug/Kg	07/19/12	R/J	8021/8260
p-Isopropyltoluene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
sec-Butylbenzene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
tert-Butylbenzene	ND	1.2	ug/Kg	07/19/12	R/J	8021/8260
Toluene	ND	2.4	ug/Kg	07/19/12	R/J	8021/8260
Total Xylenes	ND	2.4	ug/Kg	07/19/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	103		%	07/19/12	R/J	70 - 130 %
% Bromofluorobenzene	95		%	07/19/12	R/J	70 - 130 %
% Dibromofluoromethane	97		%	07/19/12	R/J	70 - 130 %
% Toluene-d8	99		%	07/19/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	07/17/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	70		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	76		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	76		%	07/17/12	DD	30 - 130 %

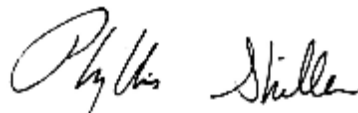
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
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**Comments:**

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10930

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-4 (10-14 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
1,3,5-Trimethylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
Benzene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Ethylbenzene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Isopropylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
m&p-Xylene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
Naphthalene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
n-Butylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
n-Propylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
o-Xylene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
p-Isopropyltoluene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
sec-Butylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
tert-Butylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
Toluene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Total Xylenes	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	100		%	07/18/12	H/J	70 - 130 %
% Bromofluorobenzene	91		%	07/18/12	H/J	70 - 130 %
% Dibromofluoromethane	108		%	07/18/12	H/J	70 - 130 %
% Toluene-d8	104		%	07/18/12	H/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	280	ug/Kg	07/17/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	71		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	78		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	79		%	07/17/12	DD	30 - 130 %

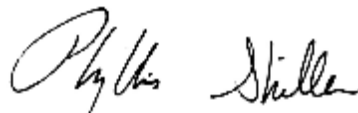
RL/PQL=Reporting/Pratical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10931

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-5 (6-8.5 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
Benzene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Ethylbenzene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Isopropylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
m&p-Xylene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
Naphthalene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
n-Butylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
n-Propylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
o-Xylene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
p-Isopropyltoluene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
sec-Butylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
tert-Butylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
Toluene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Total Xylenes	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	98		%	07/18/12	H/J	70 - 130 %
% Bromofluorobenzene	90		%	07/18/12	H/J	70 - 130 %
% Dibromofluoromethane	104		%	07/18/12	H/J	70 - 130 %
% Toluene-d8	104		%	07/18/12	H/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	07/17/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	92		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	64		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	136		%	07/17/12	DD	30 - 130 %

3

3 = This parameter exceeds laboratory specified limits.

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

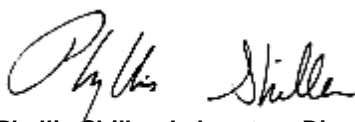
**Comments:**

\* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

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Phyllis Shiller, Laboratory Director  
 July 27, 2012



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10932

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-6 (8-10 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
Benzene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Ethylbenzene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Isopropylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
m&p-Xylene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
Naphthalene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
n-Butylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
n-Propylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
o-Xylene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
p-Isopropyltoluene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
sec-Butylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
tert-Butylbenzene	ND	1.1	ug/Kg	07/18/12	H/J	8021/8260
Toluene	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260
Total Xylenes	ND	2.3	ug/Kg	07/18/12	H/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	101		%	07/18/12	H/J	70 - 130 %
% Bromofluorobenzene	93		%	07/18/12	H/J	70 - 130 %
% Dibromofluoromethane	90		%	07/18/12	H/J	70 - 130 %
% Toluene-d8	101		%	07/18/12	H/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	07/17/12	DD	SW 8270



Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	67		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	68		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	94		%	07/17/12	DD	30 - 130 %

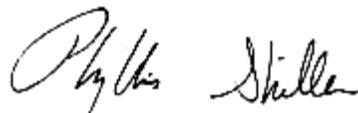
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10933

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-7 (7-9 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
1,3,5-Trimethylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
Benzene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Ethylbenzene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Isopropylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
m&p-Xylene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
Naphthalene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
n-Butylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
n-Propylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
o-Xylene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
p-Isopropyltoluene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
sec-Butylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
tert-Butylbenzene	ND	1.2	ug/Kg	07/18/12	H/J	8021/8260
Toluene	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260
Total Xylenes	ND	2.4	ug/Kg	07/18/12	H/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	98		%	07/18/12	H/J	70 - 130 %
% Bromofluorobenzene	91		%	07/18/12	H/J	70 - 130 %
% Dibromofluoromethane	104		%	07/18/12	H/J	70 - 130 %
% Toluene-d8	103		%	07/18/12	H/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	07/17/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	270	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	75		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	84		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	84		%	07/17/12	DD	30 - 130 %

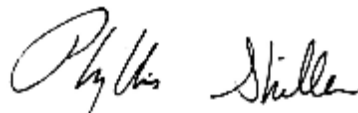
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOLID  
 Location Code: HES-NY  
 Rush Request: Standard  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date: 07/12/12  
 07/16/12  
 Time: 0:00  
 16:17

## Laboratory Data

SDG ID: GBC10927  
 Phoenix ID: BC10934

Project ID: 80 WESTCHESTER AVE WHITE PLAINS NY  
 Client ID: GB-8 (8-9 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	07/16/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/16/12	JJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	3.9	1.2	ug/Kg	07/19/12	H/J	8021/8260
1,3,5-Trimethylbenzene	1.6	1.2	ug/Kg	07/19/12	H/J	8021/8260
Benzene	ND	2.4	ug/Kg	07/19/12	H/J	8021/8260
Ethylbenzene	ND	2.4	ug/Kg	07/19/12	H/J	8021/8260
Isopropylbenzene	ND	1.2	ug/Kg	07/19/12	H/J	8021/8260
m&p-Xylene	ND	2.4	ug/Kg	07/19/12	H/J	8021/8260
Methyl t-Butyl Ether (MTBE)	1.5	1.2	ug/Kg	07/19/12	H/J	8021/8260
Naphthalene	2.2	1.2	ug/Kg	07/19/12	H/J	8021/8260
n-Butylbenzene	ND	1.2	ug/Kg	07/19/12	H/J	8021/8260
n-Propylbenzene	ND	1.2	ug/Kg	07/19/12	H/J	8021/8260
o-Xylene	ND	2.4	ug/Kg	07/19/12	H/J	8021/8260
p-Isopropyltoluene	ND	1.2	ug/Kg	07/19/12	H/J	8021/8260
sec-Butylbenzene	ND	1.2	ug/Kg	07/19/12	H/J	8021/8260
tert-Butylbenzene	ND	1.2	ug/Kg	07/19/12	H/J	8021/8260
Toluene	ND	2.4	ug/Kg	07/19/12	H/J	8021/8260
Total Xylenes	ND	2.4	ug/Kg	07/19/12	H/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	94		%	07/19/12	H/J	70 - 130 %
% Bromofluorobenzene	82		%	07/19/12	H/J	70 - 130 %
% Dibromofluoromethane	99		%	07/19/12	H/J	70 - 130 %
% Toluene-d8	93		%	07/19/12	H/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Acenaphthylene	ND	280	ug/Kg	07/17/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benz(a)anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(a)pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(b)fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(ghi)perylene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Benzo(k)fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Chrysene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Fluoranthene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Fluorene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Naphthalene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Phenanthrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
Pyrene	ND	280	ug/Kg	07/17/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	80		%	07/17/12	DD	30 - 130 %
% Nitrobenzene-d5	82		%	07/17/12	DD	30 - 130 %
% Terphenyl-d14	74		%	07/17/12	DD	30 - 130 %

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

**Comments:**

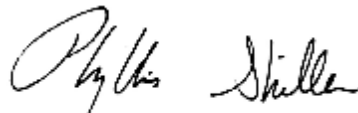
\*\*Poor IS recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

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Phyllis Shiller, Laboratory Director

July 27, 2012



**NY/NJ CHAIN OF CUSTODY RECORD**  
 567 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823

Temp 47 Pg 1 of 1  
 Data Delivery:  
 Fax # \_\_\_\_\_  
 Email: ced@phoenixlabs.com

Customer: Hydro-Environ. Waste Solutions  
 Address: 1 Deems Bridge Road  
Seneca, NY 10589

Project: 30 Wabeshter Ave White Plains, NY  
 Report to: ← SAME  
 Invoice to: ← SAME

Phone #: (914) 276-2560  
 Fax #: (914) 276-2664

Sampler's Signature: [Signature] Date: 7/12/12  
 Client Sample - Information - Identification

Analysis Request: ESR 30317 (STATS)  
ESR 30317 (STATS)  
ESR 30317 (STATS)

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
10927	GB-1 (7-5-9-11b)	S	7/12/12	
10928	GB-2 (6-5-5-5-11b)			
10929	GB-3 (8-12-11b)			
10930	GB-4 (10-14-11b)			
10931	GB-5 (8-5-11b)			
10932	GB-6 (8-10-11b)			
10933	GB-7 (8-9-11b)			
10934	GB-8 (8-9-11b)			

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

Relinquished by: [Signature] Accepted by: [Signature]  
 Date: 7/11/12 Time: 11:30  
 Date: 7-10-12 Time: 14:25  
 Date: 7-10-12 Time: 16:17

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \*SURCHARGE APPLIES

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

NY  
 TAGM 4045 GW  
 TAGM 4045 SOIL  
 NY376 Unrestricted Soil  
 NY375 Residential Soil  
 NY375 Residential Non-Residential Soil

Data Format:  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 NJ HazSite EDD  
 NY EZ EDD (ASP)  
 Other

Data Packages:  
 NJ Reduced Deliv.  
 NY Enhanced (ASP B)  
 Other

State where samples were collected: NY



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46022

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-9A (6-8 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	0.88	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	101		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	99		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	98		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	101		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	74		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	73		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	77		%	07/26/12	DD	30 - 130 %

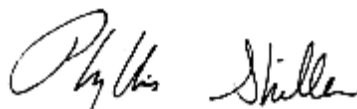
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**





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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46023

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-10 (6-8 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	1.4	1.4	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	0.94	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	97		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	98		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	99		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	101		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	82		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	88		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	85		%	07/26/12	DD	30 - 130 %

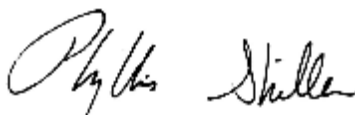
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46024

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-11 (6-8 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	0.93	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	ND	1.9	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	100		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	99		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	99		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	101		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	75		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	80		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	78		%	07/26/12	DD	30 - 130 %

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

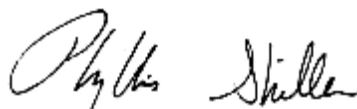
**Comments:**

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46025

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-12 (6-8 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	100		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	100		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	98		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	102		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	79		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	84		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	85		%	07/26/12	DD	30 - 130 %

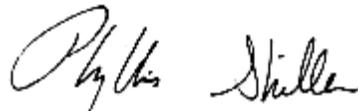
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

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Phyllis Shiller, Laboratory Director

July 27, 2012



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46026

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-13 (6-8 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	0.89	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	102		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	99		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	101		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	102		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	250	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	70		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	74		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	72		%	07/26/12	DD	30 - 130 %

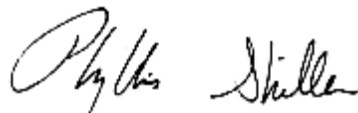
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**





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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46027

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-14 (6.5-8.5 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	7.3	1.0	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	2.3	1.0	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	2.0	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	7.1	2.0	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	6.1	2.0	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	2.0	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	1.0	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	2.0	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	6.1	2.0	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	99		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	98		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	98		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	100		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	280	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	280	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	280	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	81		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	87		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	89		%	07/26/12	DD	30 - 130 %

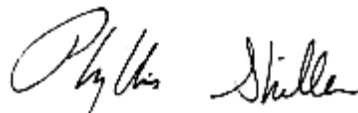
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46028

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-15 (6.5-8.5 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	0.92	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	ND	1.8	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	101		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	100		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	102		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	101		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	260	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	76		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	81		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	78		%	07/26/12	DD	30 - 130 %

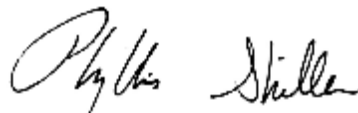
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

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**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



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



# Draft Progress Report

July 27, 2012

FOR: Attn: Mr. William Canavan  
 HydroEnvironmental Solutions, Inc.  
 One Deans Bridge Rd  
 Somers NY 10589

## Sample Information

Matrix: SOIL  
 Location Code: HES-NY  
 Rush Request: 48 Hour  
 P.O.#:

## Custody Information

Collected by: BT  
 Received by: DL  
 Analyzed by: see "By" below

Date: 07/25/12  
 07/25/12  
 Time: 14:00  
 20:45

## Laboratory Data

SDG ID: GBC46022  
 Phoenix ID: BC46029

Project ID: 80 WESTCHESTER AVENUE, WHITE PLAINS, NY  
 Client ID: GB-16 (6-8 FTBG)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	07/26/12	JL	E160.3
Soil Extraction SVOA BN	Completed			07/25/12	BJ/F	SW3545

### Volatiles- STARS/CP-51

1,2,4-Trimethylbenzene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
1,3,5-Trimethylbenzene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
Benzene	ND	1.7	ug/Kg	07/26/12	R/J	8021/8260
Ethylbenzene	ND	1.7	ug/Kg	07/26/12	R/J	8021/8260
Isopropylbenzene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
m&p-Xylene	ND	1.7	ug/Kg	07/26/12	R/J	8021/8260
Methyl t-Butyl Ether (MTBE)	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
Naphthalene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
n-Butylbenzene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
n-Propylbenzene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
o-Xylene	ND	1.7	ug/Kg	07/26/12	R/J	8021/8260
p-Isopropyltoluene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
sec-Butylbenzene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
tert-Butylbenzene	ND	0.86	ug/Kg	07/26/12	R/J	8021/8260
Toluene	ND	1.7	ug/Kg	07/26/12	R/J	8021/8260
Total Xylenes	ND	1.7	ug/Kg	07/26/12	R/J	8021/8260

### QA/QC Surrogates

% 1,2-Dichlorobenzene-d4	100		%	07/26/12	R/J	70 - 130 %
% Bromofluorobenzene	100		%	07/26/12	R/J	70 - 130 %
% Dibromofluoromethane	45		%	07/26/12	R/J	70 - 130 %
% Toluene-d8	101		%	07/26/12	R/J	70 - 130 %

### Semivolatiles-STARS/CP-51

Acenaphthene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Acenaphthylene	ND	240	ug/Kg	07/26/12	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Chrysene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Fluoranthene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Fluorene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Naphthalene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Phenanthrene	ND	240	ug/Kg	07/26/12	DD	SW 8270
Pyrene	ND	240	ug/Kg	07/26/12	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>						
% 2-Fluorobiphenyl	82		%	07/26/12	DD	30 - 130 %
% Nitrobenzene-d5	87		%	07/26/12	DD	30 - 130 %
% Terphenyl-d14	82		%	07/26/12	DD	30 - 130 %

3 = This parameter exceeds laboratory specified limits.

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

**Comments:**

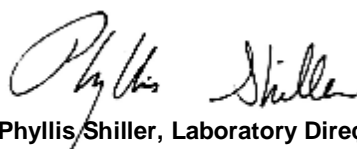
Poor surrogate recovery was observed for volatiles due to matrix interference.

All soils 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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PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



**Phyllis Shiller, Laboratory Director**

**July 27, 2012**



# 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) 645-0725

Temp 9/1 Pg 1 of 1  
Data Delivery:  Fax # \_\_\_\_\_  
 Email admin@phoenixlabs.com

Customer: Hydro Environmental Solutions  
Address: 10 Years Bridge Road  
Somers, NY 10589

Project: 80 Westchester Avenue, White Plains, NY  
Report to: Same  
Invoice to: Same  
Phone #: 914 276 2560  
Fax #: 914 276 2664

Client Sample Information - Identification  
Sampler's Signature: Brian M. Turcotte Date: 07/25/12

Analysis Request  
GR TO 21 + MTR (CR)  
GR 8270 (CR)

Matrix Code: DW=drinking water GW=groundwater	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
SW=wastewater SL=sludge <td>G8-9A (6-8 ftbg)</td> <td>S</td> <td>07/25/12</td> <td>14:00</td>	G8-9A (6-8 ftbg)	S	07/25/12	14:00
	G8-10 (6-8 ftbg)			
	G8-11 (6-8 ftbg)			
	G8-12 (6-8 ftbg)			
	G8-13 (6-8 ftbg)			
	G8-14 (6.5-8 ftbg)			
	G8-15 (6.5-8.5 ftbg)			
	G8-16 (6-8 ftbg)			

Relinquished by: <u>Brian M. Turcotte</u>	Accepted by: <u>Maxim Rowan</u>	Date: <u>7-25-12</u>	Time: <u>15:10</u>
<u>Maxim Rowan</u>	<u>Paul DeLillo</u>	<u>7-25-12</u>	<u>7PM</u>
<u>Paul DeLillo</u>	<u>Paul DeLillo</u>	<u>7-25-12</u>	<u>2015</u>

Comments: Special Requirements or Regulations Results delivered by  
07/27/12

NJ <input type="checkbox"/> Res. Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil Cleanup Criteria <input type="checkbox"/> GW Criteria	NY <input type="checkbox"/> TAGM 4D46 GW <input type="checkbox"/> TAGM 4D46 SOIL <input type="checkbox"/> NY375 Unrestricted Soil <input type="checkbox"/> NY375 Residential Soil <input checked="" type="checkbox"/> NY375 Restricted Non-Residential Soil	Turnaround: <input type="checkbox"/> 1 Day* <input checked="" type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input type="checkbox"/> Standard <input type="checkbox"/> Other	Data Format: <input checked="" type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Excel <input checked="" type="checkbox"/> PDF <input type="checkbox"/> GISKey <input type="checkbox"/> EQUIS <input type="checkbox"/> NJ HazSite EDD <input type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Ollur
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

State where samples were collected: NY

Date Package: \_\_\_\_\_  
 NJ Reduced Deliv.  
 NY Enhanced (ASP B)  
 Other