Forest Laboratories, Inc.

DRYWELLS INVESTIGATION

REPORT

October 2007

Volume 1 of 1

Prepared By

ESPL *ENVIRONMENTAL CONSULTANTS CORPORATION*

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Table of Contents

1.0 Introduction

ESPL Environmental Consultants Corp. (ESPL) has been retained by Forest Laboratories, Inc. (FLI) to perform the drywells investigation at their Inwood Facility located on Prospect Street, Inwood, New York (See Figure 1).

2.0 Overview

Inwood Laboratories, Inc. (ILI), FLI's subsidiary, operated out of five buildings at 300, 303, 320, 321 and 330 Prospect Street, Inwood, New York, which encompasses all of Prospect Street. Bordering the Prospect Street Facility is Doughty Boulevard to the east, where Mary's Manor Retirement Home is located. Residential single and two family homes are located to the north, south, and west.

The pharmaceutical operations at the Inwood facility include manufacturing, quality control and pharmaceutical product research and development (PR&D) laboratories of solid dosage tablets and capsules for sale on the ethical drug market.

During a Phase I Environmental Site Assessment (ESA) performed by ESPL in December 2006, it was confirmed that all floor drains are connected to the sewer. Storm water from the building's rooftop and parking areas is directed to on-site drywells located in the front and rear part of the building for the underground disposal of clear rainwater and surface water runoffs.

3.0 Field Activities

Field activities were performed during September 2006 to September 2007, according to the specific steps taken for the planned drywell investigation throughout the facility. Detailed field inspection reports, manifests, tabulated laboratory results and laboratory analytical data are provided in Appendix B.

All the liquids present were removed, characterized and disposed of at an appropriate facility. Each drywell was cleaned using a Guzzler® vacuum truck and/or an environmental clamshell truck.

Once the drywells were visually clean, soil/sediment samples were collected at the bottom of the drywells using a stainless steel hand auger. The sampling equipment was decontaminated prior to the collection of each sample using Liquinox detergent and rinsed thoroughly with DI water.

All collected samples were forwarded to a New York State Department of Health (NYSDOH) ELAP certified laboratory.

Drywells DW-1, DW-2, DW-3 and DW-4 were initially sampled on February 6 & 7, 2007 and forwarded to Long Island Analytical Laboratories, Inc. for the following analyses:

- Volatile Organic Compounds (VOCs) using USEPA method 8260
- Semi-Volatile Organic Compounds (SVOCs) using USEPA method 8270; and
- 23 Metals using USEPA method 6010.

The findings are itemized below:

DW-1	VOC and SVOCs were detected above the TAGM Rec. Soil Cleanup Objective and Metals were detected above the Eastern USA Background.
DW-2	No compounds detected.
DW-3	SVOCs were detected above the TAGM Rec. Soil Cleanup Objective and Metals were detected above the Eastern USA Background.
DW-4	SVOCs were detected above the TAGM Rec. Soil Cleanup Objective and Metals were detected above the Eastern USA Background.

On February 24, 2007, drywells DW-1, DW-2, DW-3 and DW-4 were pumped and cleaned.

End point samples S-3 and S-4 were collected and forwarded to Long Island Analytical Laboratories, Inc. for the following analyses:

- Volatile Organic Compounds (VOCs) using USEPA method 8260
- Semi-Volatile Organic Compounds (SVOCs) using USEPA method 8270; and
- 8 RCRA Metals using USEPA method 6010.

The findings were as follows:

DW-1	Not sampled since groundwater is shallow and could not be pumped dry.
DW-2	Pumped and cleaned. Due to a gravel bottom, sediment sampling was not possible.
DW-3 (S-3)	No compounds detected.
DW-4 (S-4)	SVOCs were detected above the TAGM Rec. Soil Cleanup Objective.

	Result (ug/kg)	TAGM Cleanup Objective (ug/kg)
Benzo(a)anthracene	1,701	224 or MDL
Benzo(a)pyrene	2,049	61 or MDL
Benzo(b)fluoranthene	3,279	1,100
Chrysene	2,245	400
Dibenzo(a,h)anthracene	298	14 or MDL

On March 27, 2007, drywells DW-5, DW-6, DW-8, DW-10 and DW-11 were pumped and cleaned.

End point samples were collected and forwarded to Accredited Analytical Resources, LLC for the following analyses:

- Volatile Organic Compounds (VOCs) using USEPA method 8260
- Semi-Volatile Organic Compounds (SVOCs) using USEPA method 8270; and
- 8 RCRA Metals using USEPA method 6010.
- Total Petroleum Hydrocarbons (TPH) using USEPA method 8015

The laboratory results indicated the following:

DW-5	No compounds detected.
DW-6	No compounds detected.
DW-8	No compounds detected.
DW-10	No compounds detected.
DW-11	No compounds detected.

On September 24, 2007, ESPL proceeded with the investigation of drywells DW-1, DW-4, DW-7 and DW-9.

Endpoint samples were collected from DW-9 and forwarded to Long Island Analytical Laboratories, Inc. for the following analyses:

- Volatile Organic Compounds (VOCs) using USEPA method 8260
- Semi-Volatile Organic Compounds (SVOCs) using USEPA method 8270; and
- 23 Metals using USEPA method 6010.
- Total Petroleum Hydrocarbons (TPH) using USEPA method 8015

Endpoint samples were collected from DW-4 and forwarded to Long Island Analytical Laboratories, Inc. for the following analyses:

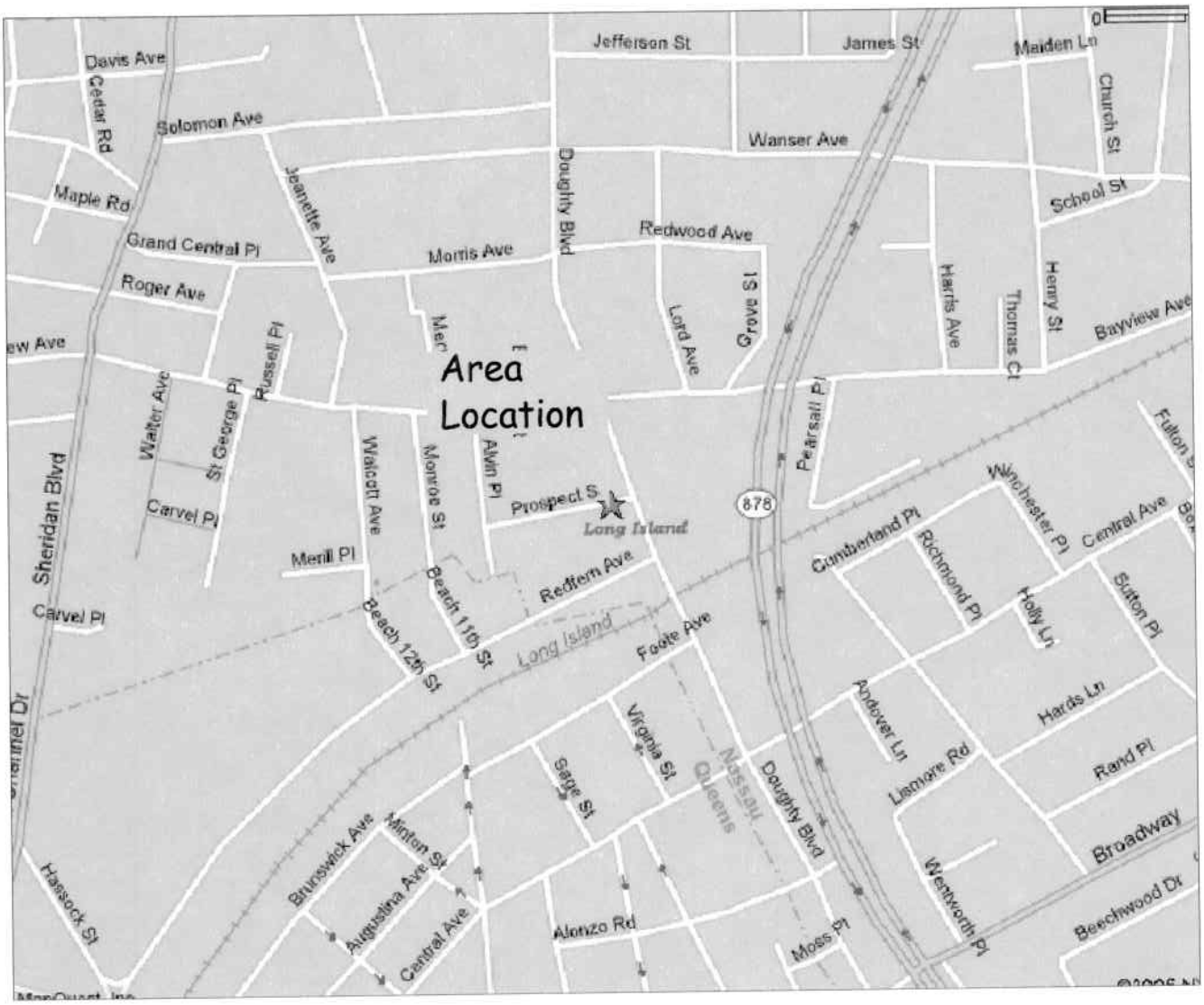
- Semi-Volatile Organic Compounds (SVOCs) using USEPA method 8270; and
- 23 Metals using USEPA method 6010.
- Total Petroleum Hydrocarbons (TPH) using USEPA method 8015

The findings were as follows:

<table>
<tr><td>DW-1</td><td>Not sampled since the bottom of the drywell is gravel.</td></tr>
<tr><td>DW-4</td><td>SVOCs were detected above the TAGM Rec. Soil Cleanup Objective:
<table><tr><th></th><th>Result (ug/kg)</th><th>TAGM Cleanup Objective (ug/kg)</th></tr><tr><td>Benzo(a)anthracene</td><td>4,969</td><td>224 or MDL</td></tr><tr><td>Benzo(a)pyrene</td><td>5,335</td><td>61 or MDL</td></tr><tr><td>Benzo(b)fluoranthene</td><td>8,959</td><td>1,100</td></tr><tr><td>Benzo(k)fluoranthene</td><td>2,928</td><td>1,100</td></tr><tr><td>Chrysene</td><td>6,998</td><td>400</td></tr><tr><td>Dibenzo(a,h)anthracene</td><td>985</td><td>14 or MDL</td></tr><tr><td>Indeno(1,2,3-cd)pyrene</td><td>5,163</td><td>3,200</td></tr></table></td></tr>
<tr><td>DW-7</td><td>Catch basin</td></tr>
<tr><td>DW-9</td><td>Benzo(a)pyrene was detected (123 ug/kg) above the cleanup objectives (61 or MDL).</td></tr>
</table>

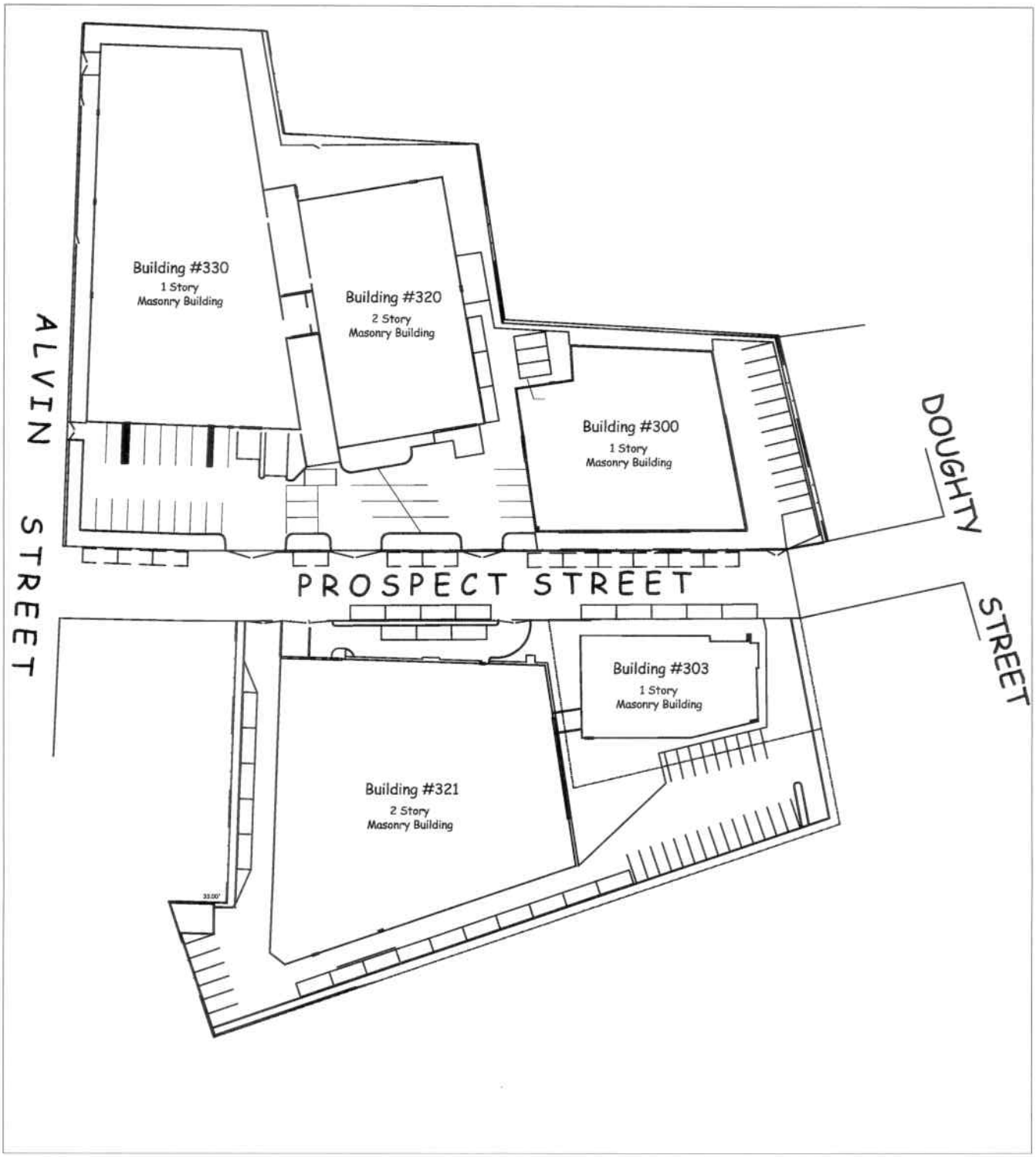
Appendix A

Maps & Figures



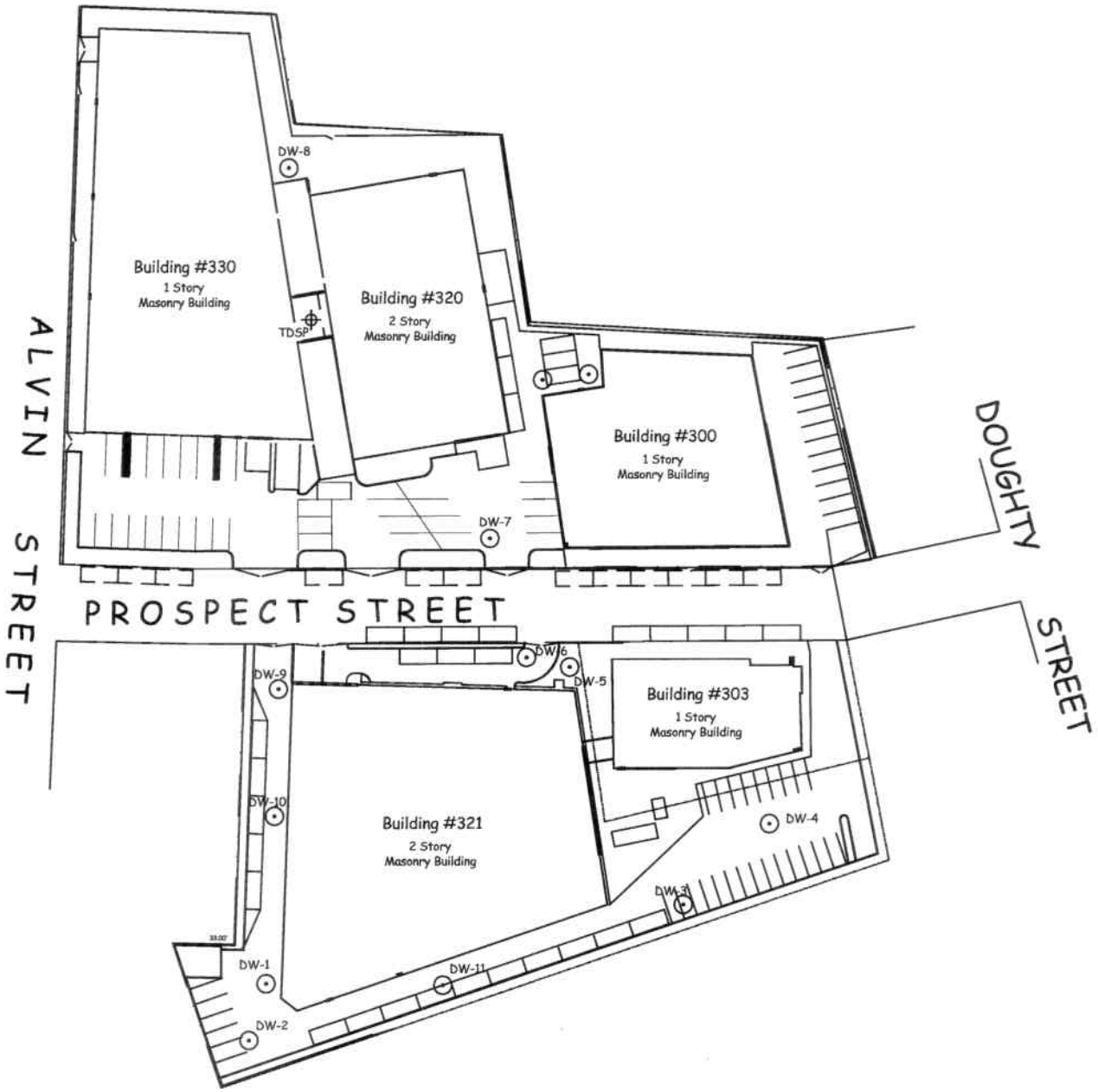
1 Location Map
FIGURE 1

ESPL Environmental Consultants Corp. Address: 106 West 32nd Street NY 10001 Tel: 212-363-ESPL Email: mail@espl.com www.espl.com	Sheet Title: 300-303-320-321-330 Prospect Street Location Map	Project #: FRX-INW-7-1-1	Scale: N.T.S.
	Client : FOREST LABORATORIES Address: Prospect Street Inwood NY	Date: 03.12.2007	Drawn By: Z.P.



1 INWOOD COMPLEX SITE PLAN
FIGURE 2

ESPL Environmental Consultants Corp. Address: 106 West 32nd Street NY 10001 Tel: 212-363-ESPL Email:mail@espl.com www.espl.com	Sheet Title: SITE MAP	Project #: FRX-INW-7-1-1	Scale: N.T.S.
	Client: FOREST LABORATORIES Address: Prospect Street, Inwood NY	Date: 03.12.2007	Drawn By: Z.P.



INWOOD COMPLEX DRYWELL & SAMPLING LOCATIONS
1 FIGURE 8

ESPL Environmental Consultants Corp. Address: 106 West 32nd Street NY 10001 Tel: 212-363-ESPL Email: mail@espl.com www.espl.com	Sheet Title: INWOOD COMPLEX DRYWELL & SAMPLING LOCATIONS	Project #: FRX-7-1-1	Scale: N.T.S.
	Client: FOREST LABORATORIES Address: Prospect Street, Inwood NY	Date: 03.15.2007	Drawn By: Z.P.

Appendix B

DW-1
DW-2
DW-3
DW-4

Field Inspection Report

ESPL *ENVIRONMENTAL CONSULTANTS CORPORATION*
106 WEST 32ND STREET, NEW YORK, NEW YORK 10001 • TEL: (212) 330-7501 • FAX: (212) 330-7505

FIELD REPORT

Date: March 15, 2007
Client: Forest Laboratories, Inc.
321 Prospect Street
Inwood, NY

Project No: INW-6-4-1 Completion Date: March 28, 2007

Scope of Work:

- Remediation of the drywells located in the parking lot of 303 Prospect Street building near the hazardous waste storage sheds. Pump out, transport off-site and dispose of the storm water residual in the drywells at the time of clean-up. Remove all contaminated sediment and collect end point samples to document the clean-up.

Field Note:

As a follow-up to the Phase I Environmental Site Assessment (ESA) recommendations, sampling of the drywells, at the Forest facility located in Inwood (Prospect Complex), was performed on February 6 and 7, 2007. A review of the samples results indicated that drywell DW-1 had elevated levels of m,p-Xylene; DW-1, DW-3 & DW-4 had elevated levels of Semi-Volatile Organic Compounds (SVOCs) and Metals. Numerous compounds exceeded the Nassau County Department of Health Clean-up Objectives. Results are summarized in Tables 1-3. A composite sample of the drywell sediments was collected on February 16th for waste characterization in compliance with New York State Department of Environmental Conservation (NYSDEC), Nassau County Department of Public Works (NCDPW), and/or USEPA requirement standards (See Tables 4, 5 & 6).

On February 24, 2007, the remediation of the drywells located in the common parking lot of 303 and 321 Prospect Street was performed. All waste water pumped out of the drywells were transported via a tanker truck for off-site disposal at the direction of Forest's Engineering Department. Drywell # 2 was pumped and cleaned, however due to a gravel bottom, sediment sampling was not possible. Drywell # 1 was not sampled since the groundwater in this area is shallow and could not be pumped dry. Following the wastewater pump-out, a Vactor truck was used to remove the sediment from the bottom of the drywells DW-3 and DW-4, until a condition of visibly clean was achieved. All sludge and material removed was transported to an approved off-site disposal facility under Forest's Engineering Department's supervision. End point soil/sediment samples

were collected from the bottom of drywell DW-3 and DW-4 and identified as S-3 and S-4. The sampling equipment was decontaminated prior to the collection of each sample with Liquinox detergent and rinsed thoroughly with DI water. A hand augur was used to collect the soil samples which was placed in a 16 oz glass jars and transferred into a cooler. The samples were forwarded to Long Island Analytical Laboratories, Holbrook, NY and analyzed for VOC, SVOC and TAL Metals using Nassau County Department of Health (NCDOH) protocols.

Initial and final end-point analyses of the samples collected are tabulated below:

Semi-Volatile Organic Compounds Summary
Soil Samples Analyses

	Initial Findings				End-point		TAGM Rec. Soil Clean-up Objective (ppb)
Sample ID	**DW-1**	**DW-2**	**DW-3**	**DW-4**	**S-3**	**S-4**	
Date Collected	**2/07/07**	**2/07/07**	**2/07/07**	**2/07/07**	**2/24/07**	**2/24/07**	
Matrix	**Soil**	**Liquid**	**Soil**	**Soil**	**Soil**	**Soil**	
Date Analyzed	**2/12/07**	**2/12/07**	**2/12/07**	**2/13/07**	**2/26/07**	**2/26/07**	
Parameter	**(ppb)**	**(ppb)**	**(ppb)**	**(ppb)**	**(ppb)**	**(ppb)**	
Benzo(a)Anthracene	**38,575**	----	**15,444**	**6,638**	----	**1,701**	224 or MDL
Benzo(a)Pyrene	**32,941**	----	**28,933**	**8,931**	----	**2,049**	61 or MDL
Benzo(b)Fluoranthene	**49,089**	----	**41,164**	**14,533**	----	**3,279**	1,100
Benzo(k)Fluoranthene	**17,068**	----	**16,382**	**4,507**	----	----	1,100
Chrysene	**55,068**	----	**36,826**	**14,281**	----	**2,245**	400
Dibenzo(a,h)Anthracene	**9,620**	----	**3,441**	**2,632**	----	**298**	14 or MDL
Fluoranthene	**127,715**	----	**36,751**	**33,368**	----	----	50,000
Fluorene	**10,222**	----	----	-----	----	----	50,000
Indeno(1,2,3-c,d)Pyrene	**29,285**	----	**16,463**	**10,688**	----	----	3,200
Phenanthrene	**90,635**	----	----	-----	----	----	50,000
Pyrene	**90,310**	----	----	----	----	----	50,000

Metals

	Initial Findings				End-point		Eastern USA Background (ppm)
Sample ID	**DW-1**	**DW-2**	**DW-3**	**DW-4**	**S-3**	**S-4**	
Date Collected	**2/07/07**	**2/07/07**	**2/07/07**	**2/07/07**	**2/26/07**	**2/27/07**	
Matrix	**Soil**	**Liquid**	**Soil**	**Soil**	**Soil**	**Soil**	
Date Analyzed	**2/14/07**	**2/12/07**	**2/12/07**	**2/13/07**	**Soil**	**Soil**	
Parameter	**(ppm)**	**(ppm)**	**(ppm)**	**(ppm)**	**(ppm)**	**(ppm)**	
Calcium	**11,857**	**12.0**	**51,283**	**51,770**	----	----	130 – 35,000 ***
Chromium	**12.0**	----	**7.43**	**128**	----	----	1.5 – 40 **
Copper	**31.8**	----	**519**	**14.8**	----	----	1 - 50
Iron	**6,853**	**1.22**	**8,219**	**4,557**	----	----	2,000 – 550,000
Magnesium	**3,151**	**2.31**	**2,271**	**30,373**	----	----	100 – 5,000
Nickel	**6.10**	----	**3.93**	**53.1**	----	----	0.5 - 25
Zinc	**56.8**	----	**133**	**69.8**	----	----	9 - 50

The detailed analytical results of the drywell end point samples are provided in Table 8 and 9 (See Figure 1 for drywell and sample location).

Signature

This report was prepared by Ray Kahn, P.E., Director of Environmental Technology.

Ray Kahn

Manifests

ENTERED

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No: 5 0 8 6

2. Page 1 of 1

GENERATOR

FOREST LABORATORIES, INC.
155 COMMERCE DRIVE
HAUPPAUGE, NY 11788
4. Generator's Phone (631) 858-6429

321 PROSPECT STREET
INWOOD, NY 11096

5. Transporter 1 Company Name: Trade Winds Environmental
6. US EPA ID Number: N Y R 0 0 0 0 6 5 1 6 9
A. State Transporter's ID
B. Transporter 1 Phone: (631) 435-8900

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Clean Water of New York
3249 Richmond Terrace
Staten Island, NY 10303
10. US EPA ID Number: N Y D 0 0 0 9 6 8 5 4 5
E. State Facility's ID
F. Facility's Phone: (718) 981-4600

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non DOT/ Non R.C.R.A. Regulated Liquid Waste. NYSDEC Regulated Materials.	1	T T	1505	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Petroleum Contaminated Water

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
a) IN CASE OF EMERGENCY CONTACT 1-800-282-8701
In case of emergency contact 1-800-282-8701 Return original manifest to TradeWinds
Job Number 3330-80 Spill Number

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

A/M BEHALF OF ABOVE

Printed/Typed Name: KAROL HORVATH
Signature: Karol Horvath
Date: Month 02 Day 24 Year 07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: KAROL HORVATH
Signature: Karol Horvath
Date: Month 02 Day 24 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name
Signature
Date: Month 02 Day 27 Year 07

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 5058

2. Page 1 of 1

3. Generator's Name and Mailing Address
FOREST LABORATORIES, INC.
155 COMMERCE DRIVE
HAUPPAUGE, NY 11788

4. Generator's Phone (631) 858-6429

321 PROSPECT STREET
INWOOD, NY 11096

5. Transporter 1 Company Name: Trade Winds Environmental

6. US EPA ID Number: NYR000065169

A. State Transporter's ID

B. Transporter 1 Phone: (631) 435-8300

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
RGM
972 NICOLLS ROAD
DEER PARK, NY 11729

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: (631) 586-0002

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-DOT / Non-RCRA Regulated Solid Waste. NYSDEC Regulated Material.	1	D T	10	Y
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a) Non Hazardous Petroleum Contaminated Soil & Debris
BOX # 102-20
WAT VAC - 150T

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
a) In Case of Emergency Contact 1-800-282-8701
In case of emergency contact 1-800-282-8701 Return original manifest to TradeWinds
Job Number 3330-80 Spill Number
Approval Code EC1R-26 EC1R-27 EC1R-28 EC1R-29

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

ON BEHALF OF ABOVE

Printed/Typed Name: KAROL HORVATH | Signature: Karol Horvath | Date: Month 02 Day 24 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: KAROL HORVATH | Signature: Karol Horvath | Date: Month 02 Day 24 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Raymond Stenbrand | Signature: [signature] | Date: Month 03 Day 01 Year 01

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: B. RICKERBY | Signature: B. Rickerby | Date: Month 3 Day 1 Year 07

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

Tabulated Laboratory Results

TABLE 1

Volatile Organic Compounds Analysis Summary
Drywell Soil/Liquid Samples

Sample ID	CAS #	DW-1	DW-2	DW-3	DW-4	MDL (ppb)	TAGM Rec. Soil Cleanup Objective (ppb)
Date Collected		02/06/07	02/06/07	02/06/07	02/07/07		
Matrix		Soil	Liquid*	Soil	Soil		
EPA Methodology		8260	8260	8260	8260		
Date Analyzed		02/12/07	02/12/07	02/12/07	02/13/07		
Dilution Factor		1.0	1.0	1.0	1.0		
Parameter		(ppb)	(ppb)	(ppb)	(ppb)		
Acetone	67-64-1	< 250 D	<50	<50	<50	50	200
Benzene	71-43-2	<25 D	<0.7	<5	<5	5	60
2-Butanone (MEK)	78-93-3	<50 D	<10	<10	<10	10	300
Carbon Disulfide	75-15-0	<25 D	<5	<5	<5	5	2,700
Carbon Tetrachloride	56-23-5	<25 D	<5	<5	<5	5	600
Chlorobenzene	108-90-7	<25 D	<5	<5	<5	5	1,700
Chloroethane	75-00-3	<25 D	<5	<5	<5	5	1,900
Chloroform	67-66-3	<25 D	<5	<5	<5	5	300
Dibromochloromethane	124-48-1	<25 D	<5	<5	<5	5	N/A
1,2-Dichlorobenzene	95-50-1	<25 D	<5	<5	<5	5	7,900
1,3-Dichlorobenzene	541-73-1	<25 D	<5	<5	<5	5	1,600
1,4-Dichlorobenzene	106-46-7	<25 D	<5	<5	<5	5	8,500
1,1-Dichloroethane	75-34-3	<25 D	<5	<5	<5	5	200
1,2-Dichloroethane	107-06-2	<25 D	<5	<5	<5	5	100
1,1-Dichloroethene	75-35-4	<25 D	<5	<5	<5	5	400
Trans-1,2-Dichloroethene	156-60-5	<25 D	<5	<5	<5	5	300
1,3-Dichloropropane	142-28-9	<25 D	<5	<5	<5	5	300
Ethylbenzene	100-41-4	205	<5	<5	<5	5	5,500
113 Freon (1,1,2 Trichloro-	76-13-1	<25 D	<5	<5	<5	5	6,000
Methylene Chloride	75-09-2	<25 D	<5	<5	<5	5	100
4- Methyl-2-Pentanone	108-10-1	<25 D	<5	<5	<5	5	1,000
Tetrachloroethene	127-18-4	<25 D	<5	<5	<5	5	1,400
1,1,1-Trichloroethane	71-55-6	<25 D	<5	<5	<5	5	800
1,1,2,2-Tetrachloroethane	79-34-5	<25 D	<5	<5	<5	5	600
1,2,3-Trichloropropane	96-18-4	<25 D	<5	<5	<5	5	400
1,2,4-Trimethylbenzene	95-63-6	30	<5	<5	<5	5	3,400
Toluene	108-88-3	<25 D	<5	<5	<5	5	1,500
Trichloroethene	79-01-6	<25 D	<5	<5	<5	5	700
Vinyl Chloride	75-01-4	<25 D	<5	<5	<5	5	200
m,p-Xylene	1330-20-7	**9,800**	<10	<10	<10	10	1,200
o-Xylene	95-47-6	<25 D	<5	<5	<5	5	
n-Butylbenzene	104-51-8	<25 D	<5	<5	<5	5	---
sec-Butylbenzene	135-98-7	<25 D	<5	<5	<5	5	---
tert-Butylbenzene	98-06-8	<25 D	<5	<5	<5	5	---
Isopropylbenzene	98-82-8	76	<5	<5	<5	5	---
p-Isopropyltoluene	99-87-6	60	<5	<5	<5	5	---
n-Propylbenzene	103-65-1	<25 D	<5	<5	<5	5	---
1,2,4-Trimethylbenzene	95-63-6	30	<5	<5	<5	5	---
1,3,5-Trimethylbenzene	108-67-8	<25 D	<5	<5	<5	5	---

Value exceed TAGM Rec. Soil Cleanup Objective

C Minimum detection limit raised due to matrix interference

D Minimum detection limit raised due to target compound interference

TABLE 2

Semi-Volatile Organic Compounds Analysis Summary
Drywell Soil/Liquid Samples

Sample ID	CAS #	DW-1	DW-2	DW-3	DW-4	MDL (ppb)	TAGM Rec. Soil Cleanup Objective (ppb)
Date Collected		02/07/07	02/07/07	02/07/07	02/07/07		
Matrix		Soil	Liquid	Soil	Soil		
EPA Methodology		8270	8270	8270	8270		
Date Analyzed		02/12/07	02/12/07	02/09/07	02/14/07		
Dilution Factor		1.0	1.0	1.0	1.0		
Parameter		(ppb)	(ppb)	(ppb)	(ppb)		
Acenaphthene	83-32-9	8,674	<5	<1,600 C	<800 C	40	50,000
Acenaphthylene	208-96-8	<8,000 C	<5	<1,600 C	<800 C	40	41,000
Aniline	62-53-3	<8,000 C	<5	<1,600 C	<800 C	40	100
Anthracene	120-12-7	13,575	<5	4,457	1,096	40	50,000
Benzo(a)Anthracene	56-55-3	**38,575**	<5	**15,444**	**6,638**	40	224 or MDL
Benzo(a)Pyrene	50-32-8	**32,941**	<5	**28,933**	**8,931**	40	61 or MDL
Benzo(b)Fluoranthene	205-99-2	**49,089**	<5	**41,164**	**14,533**	40	1,100
Benzo(g,h,i)Perylene	191-24-2	25,398	<5	15,572	9,212	40	50,000
Benzo(k)Fluoranthene	207-08-9	**17,068**	<5	**16,382**	**4,507**	40	1,100
Bis(2-Ethylhexyl)Phthalate	117-81-7	19,039	6	4,334	1,210	500	50,000
Butylbenzylphthalate	85-68-7	39,724	<5	<1,600 C	<800 C	40	50,000
Chrysene	218-01-9	**55,068**	<5	**36,826**	**14,281**	40	400
4-Chloroaniline	106-47-8	<8,000 C	<5	<1,600 C	<800 C	40	220 or MDL
4-Chloro-3-Methylphenol	59-50-7	<8,000 C	<5	<1,600 C	<800 C	40	240 or MDL
2-Chlorophenol	95-57-8	<8,000 C	<5	<1,600 C	<800 C	40	800
Dibenzofuran	132-64-9	<8,000 C	<5	<1,600 C	<800 C	40	6,200
Dibenzo(a,h)Anthracene	53-70-3	**9,620**	<5	**3,441**	**2,632**	40	14 or MDL
3,3-Dichlorobenzidine	91-94-1	<8,000 C	<5	<1,600 C	<800 C	100	N/A
2,4-Dichlorophenol	120-83-2	<8,000 C	<5	<1,600 C	<800 C	40	400
2,4-Dinitrophenol	51-28-5	<8,000 C	<5	<1,600 C	<800 C	40	200 or MDL
2,6-Dinitrotoluene	606-20-2	<8,000 C	<5	<1,600 C	<800 C	40	1,000
Diethylphthalate	84-66-2	<8,000 C	<5	<1,600 C	<800 C	40	7,100

Value exceed TAGM Rec. Soil Cleanup Objective
C Minimum detection limit raised due to matrix interference
D Minimum detection limit raised due to target compound interference

TABLE 2 (continued)

Semi-Volatile Organic Compounds Analysis Summary
Drywell Soil/Liquid Samples

Sample ID	CAS #	DW-1	DW-2	DW-3	DW-4	MDL (ppb)	TAGM Rec. Soil Cleanup Objective (ppb)
Date Collected		02/07/07	02/07/07	02/07/07	02/07/07		
Matrix		Soil	Liquid	Soil	Soil		
EPA Methodology		8270	8270	8270	8270		
Date Analyzed		02/12/07	02/12/07	02/09/07	02/14/07		
Dilution Factor		1.0	1.0	1.0	1.0		
Parameter		(ppb)	(ppb)	(ppb)	(ppb)		
Dimethylphthalate	131-11-3	<8,000 C	6	<1,600 C	<800 C	40	2,000
Di-n-Butylphthalate	84-74-2	<8,000 C	<5	<1,600 C	<800 C	500	8,100
Di-n-Octylphthalate	117-84-0	<8,000 C	<5	<1,600 C	<800 C	40	50,000
Fluoranthene	206-44-0	**127,715**	<5	**36,751**	**33,368**	40	50,000
Fluorene	86-73-7	**10,222**	<5	<1,600 C	<800 C	40	50,000
Hexachlorobenzene	118-74-1	<8,000 C	<5	<1,600 C	<800 C	40	410
Indeno(1,2,3-c,d)Pyrene	193-39-5	**29,285**	<5	**16,463**	**10,688**	40	3,200
Isophorone	78-59-1	<8,000 C	<5	<1,600 C	<800 C	40	4,400
2-Methylnaphthalene	91-57-6	<8,000 C	<5	<1,600 C	<800 C	40	36,400
2-Methylphenol	95-48-7	<8,000 C	<5	<1,600 C	<800 C	40	100 or MDL
4-Methylphenol	106-44-5	<8,000 C	<5	<1,600 C	<800 C	40	900
Naphthalene	91-20-3	<8,000 C	<5	<1,600 C	<800 C	40	13,000
Nitrobenzene	98-95-3	<8,000 C	<5	<1,600 C	<800 C	40	200 or MDL
2-Nitroaniline	88-74-4	<8,000 C	<5	<1,600 C	<800 C	40	430 or MDL
2-Nitrophenol	88-75-5	<8,000 C	<5	<1,600 C	<800 C	40	330 or MDL
4-Nitrophenol	100-02-7	<8,000 C	<5	<1,600 C	<800 C	40	100 or MDL
3-Nitroaniline	99-09-2	<8,000 C	<5	<1,600 C	<800 C	40	500 or MDL
Pentachlorophenol	87-86-5	<8,000 C	<5	<1,600 C	<800 C	40	1,000 or MDL
Phenanthrene	85-01-8	**90,635**	<5	25,631	11,924	40	50,000
Phenol	108-95-2	<8,000 C	<5	<1,600 C	<800 C	40	30 or MDL
Pyrene	129-00-0	**90,310**	<5	26,317	22,516	40	50,000
2,4,5-Trichlorophenol	95-95-4	<8,000 C	<5	<1,600 C	<800 C	40	100

Value exceed TAGM Rec. Soil Cleanup Objective
C Minimum detection limit raised due to matrix interference
D Minimum detection limit raised due to target compound interference

TABLE 3

RCRA Metals Analysis
Drywell Soil/Liquid Samples Analysis

Sample ID	CAS #	DW-1	DW-2	DW-3	DW-4	MDL (ppm)	Eastern USA Background (ppm)
Date Collected		02/07/07	02/07/07	02/07/07	02/07/07		
Matrix		Soil	Liquid	Soil	Soil		
EPA Methodology		8270	8270	8270	8270		
Date Analyzed		02/12/07	02/12/07	02/09/07	02/13/07		
Dilution Factor		1.0	1.0	1.0	1.0		
Parameter		(ppm)	(ppm)	(ppm)	(ppm)		
Aluminum	7429-90-5	**1,660**	**0.49**	**2,078**	**1,719**	1.65	33,000
Antimony	7440-36-0	<1.65	<0.05	<1.65	<1.65	1.65	N/A
Arsenic	7440-38-2	<1.65	<0.05	<1.65	<1.65	1.65	3 - 12 **
Barium	7440-39-3	**17.7**	<1.00	**41.5**	**12.8**	3.33	15 - 600
Beryllium	7440-41-7	<1.65	<0.05	<1.65	<1.65	1.65	0 - 1.75
Cadmium	7440-43-9	<1.00	<1.00	<1.00	<1.00	1.00	0.1 - 1
Calcium	7440-70-2	**11,857**	**12.0**	**51,283**	**51,770**	1.65	130 - 35,000 ***
Chromium	7440-47-3	**12.0**	<0.05	**7.43**	**128**	1.65	1.5 - 40 **
Cobalt	7440-48-4	**2.29**	<0.05	**2.45**	**1.79**	1.65	2.5 - 60 **
Copper	7440-50-8	**31.8**	<0.05	**519**	**14.8**	1.65	1 - 50
Iron	7439-89-6	**6,853**	**1.22**	**8,219**	**4,557**	1.65	2,000 - 550,000
Lead	7439-92-1	**15.4**	**0.015**	**64.2**	**8.08**	1.65	****
Magnesium	7439-95-4	**3,151**	**2.31**	**2,271**	**30,373**	1.65	100 - 5,000
Manganese	7439-96-5	**50.8**	<0.05	**148**	**49.6**	1.65	50 - 5,000
Mercury	7439-97-6	0.049	<0.002	0.069	<0.020	0.02	0.001 - 0.2
Nickel	7440-02-6	**6.10**	<0.05	**3.93**	**53.1**	1.65	0.5 - 25
Potassium	7440-09-7	**200**	**1.36**	**114**	**263**	1.65	8,500 - 43,000 **
Selenium	7782-49-2	<1.65	<0.05	<1.65	<1.65	1.65	0.1 - 3.9
Silver	7440-22-4	<1.65	<0.05	<1.65	<1.65	1.65	N/A
Sodium	7440-23-5	**78.5**	**10.5**	**81.7**	**61.9**	1.65	6,000 - 8,000
Thallium	7440-28-0	<1.65	<0.05	<1.65	<1.65	1.65	N/A
Vanadium	7440-62-2	**5.60**	<0.05	**5.77**	**22.3**	1.65	1 - 300
Zinc	7440-66-6	**56.8**	**0.12**	**133**	**69.8**	1.65	9 - 50

Note: Some forms of metal salts such as Aluminum Phosphide, Calcium Cyanide, Potassium Cyanide, Copper cyanide, Silver cyanide, Sodium cyanide, Zinc phosphide, Thallium salts, Vanadium pentoxide and Chromium (VI) compounds are more toxic in nature. Please refer to the USEPA HEASTs database to find cleanup objectives if such metals are present in soil.

SB is site background

N/A is not available

CRDL is contract required detection limit which is approx. 10 times the CRDL for water.

** New York State background

*** Some forms of Cyanide are complex and very stable while other forms are pH dependent and hence are very unstable. Site-specific form(s) of Cyanide should be taken into consideration when establishing soil cleanup objective.

**** Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

***** Recommended soil cleanup objectives are average background concentrations as reported in a 1984 survey of reference material by E. Carol McGovern, NYSDEC.

Value exceed TAGM Rec. Soil Cleanup Objective

Laboratory Analytical Data

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDOH# NY012
PADOH# 68-2943

February 15, 2007

ESPL Environmental Consultants, Corp.
Ray Kahn
100 West 32nd Street
New York, NY 10001

Re: FRX INW 6-4

Dear Mr. Khan:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on February 9, 2007. Long Island Analytical Laboratories analyzed the samples February 14, 2007 for the following:

CLIENT ID	ANALYSIS
DW-1	NYS TAGM Volatiles, Semi-Volatiles and Metals
DW-3	NYS TAGM Volatiles, Semi-Volatiles and Metals
DW-4	NYS TAGM Volatiles, Semi-Volatiles and Metals
DW-2	NYS TAGM Volatiles, Semi-Volatiles and Metals

Samples received at 4°C.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted above. Report shall not be reproduced except in full, without the written approval of the laboratory. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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LONG ISLAND ANALYTICAL LABORATORIES, INC.
DATA REPORTING FLAGS

For reporting results, the following "Flags" are used:

A: Time not supplied by client, may have exceeded holding time
B: Holding time exceeded, results cannot be used for regulatory purposes
C: Minimum detection limit raised due to matrix interference
D: Minimum detection limit raised due to target compound interference
E: Minimum detection limit raised due to non-target compound interference
F: Minimum detection limit raised due to insufficient sample volume
G: Sample received in incorrect container
H: Sample not preserved, corrected upon receipt
I: Dilution Water does not meet QC Criteria
J: Estimated concentration, exceeds calibration range
K: Target compound found in blank
L: Subcontractor ELAP #11398
M: Subcontractor ELAP #10320
N: Subcontractor NVLAP #102047.0
O: Subcontractor AIHA #103005
P: Subcontractor A2LA 2004-01
Q: Subcontractor ELAP #11026
R: Subcontractor ELAP #10155
S: Subcontractor ELAP #11501
T: Subcontractor CTC
U: Subcontractor ELAP #11685
V: QC affected by matrix
W: Subcontractor ELAP #10248
X: QC does not meet acceptance criteria
Y: Sample container received with head space
Z: Insufficient sample volume received
AA: Preliminary results, cannot be used for regulatory purposes.
BB: Spike recovery does not meet QC criteria due to high target concentration
CC: Date reported below the lower limit of quantitation and should be considered to have an increased quantitative uncertainty.
DD: Sampling information not supplied and/or sample not taken by qualified technician, therefore verifiability of the report is limited to results only. Report cannot be used for regulatory purposes.
EE: Subcontractor ELAP : #11777
FF: Unable to verify that the wipe samples submitted conform to ASTM E1792 or specifications issued by the EPA.

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: ESPL	Client ID: FRX INW 6-4 (DW-1)
Date received: 2/9/07	Laboratory ID: 1129967
Date extracted: 2/12/07	Matrix: Soil
Date analyzed: 2/12/07	ELAP #: 11693

NYS TAGM VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
ACETONE	62-64-1	50 ug/kg	<250	D
BENZENE	71-43-2	5 ug/kg	<25	D
2-BUTANONE (MEK)	78-93-3	10 ug/kg	<50	D
CARBON DISULFIDE	75-15-0	5 ug/kg	<25	D
CARBON TETRACHLORIDE	56-23-5	5 ug/kg	<25	D
CHLOROBENZENE	108-90-7	5 ug/kg	<25	D
CHLOROETHANE	75-00-3	5 ug/kg	<25	D
CHLOROFORM	67-66-3	5 ug/kg	<25	D
DIBROMOCHLOROMETHANE	124-48-1	5 ug/kg	<25	D
1,2-DICHLOROBENZENE	95-50-1	5 ug/kg	<25	D
1,3-DICHLOROBENZENE	541-73-1	5 ug/kg	<25	D
1,4-DICHLOROBENZENE	106-46-7	5 ug/kg	<25	D
1,1-DICHLOROETHANE	75-34-3	5 ug/kg	<25	D
1,2-DICHLOROETHANE	107-06-2	5 ug/kg	<25	D
1,1-DICHLOROETHENE	75-35-4	5 ug/kg	<25	D
trans-1,2-DICHLOROETHENE	156-60-5	5 ug/kg	<25	D
1,3-DICHLOROPROPANE	142-28-9	5 ug/kg	<25	D
ETHYLBENZENE	100-41-4	5 ug/kg	205	
FREON 113	76-13-1	5 ug/kg	<25	D
METHYLENE CHLORIDE	75-09-2	5 ug/kg	<25	D
4-METHYL-2-PENTANONE	108-10-1	5 ug/kg	<25	D
TETRACHLOROETHENE	127-18-4	5 ug/kg	<25	D
1,1,1-TRICHLOROETHANE	71-55-6	5 ug/kg	<25	D
1,1,2,2-TETRACHLOROETHANE	79-34-5	5 ug/kg	<25	D
1,2,3-TRICHLOROPROPANE	96-18-4	5 ug/kg	<25	D
1,2,4-TRICHLOROBENZENE	120-82-1	5 ug/kg	<25	D
TOLUENE	108-88-3	5 ug/kg	<25	D
TRICHLOROETHENE	79-01-6	5 ug/kg	<25	D
VINYL CHLORIDE	75-01-4	5 ug/kg	<25	D
p & m-XYLENE	1330-20-7	10 ug/kg	9,800	
o-XYLENE	1330-20-7	5 ug/kg	<25	D
n-BUTYLBENZENE	104-51-8	5 ug/kg	<25	D
sec-BUTYLBENZENE	135-98-7	5 ug/kg	<25	D
tert-BUTYLBENZENE	98-06-8	5 ug/kg	<25	D
ISOPROPYLBENZENE	98-82-8	5 ug/kg	76	
p-ISOPROPYLTOLUENE	99-87-6	5 ug/kg	60	
n-PROPYLBENZENE	103-65-1	5 ug/kg	<25	D
1,2,4-TRIMETHYLBENZENE	95-63-6	5 ug/kg	30	
1,3,5-TRIMETHYLBENZENE	108-67-8	5 ug/kg	<25	D

MDL = Minimum Detection Limit.

Calculated on a wet weight basis.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: ESPL	Client ID: FRX INW 6-4 (DW-1)
Date received: 2/9/07	Laboratory ID: 1129967
Date extracted: 2/14/07	Matrix: Soil
Date analyzed: 2/14/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
ACENAPHTHENE	83-32-9	40 ug/kg	8,674	
ACENAPHTHYLENE	208-96-8	40 ug/kg	<8,000	C
ANILINE	65-53-3	40 ug/kg	<8,000	C
ANTHRACENE	120-12-7	40 ug/kg	13,575	
BENZO-a-ANTHRACENE	56-55-3	40 ug/kg	38,575	
BENZO-a-PYRENE	50-32-8	40 ug/kg	32,941	
BENZO-b-FLUOROANTHENE	205-99-2	40 ug/kg	49,089	
BENZO-g,h,i-PERYLENE	191-24-2	40 ug/kg	25,398	
BENZO-k- FLUOROANTHENE	207-08-9	40 ug/kg	17,068	
Bis(2-ETHYLEXYL)PHTALATE	117-81-7	500 ug/kg	19,039	
BUTYLBENZYLPHTHALATE	85-68-7	40 ug/kg	39,724	
CHRYSENE	218-01-9	40 ug/kg	55,068	
4-CHLOROANILINE	106-47-8	40 ug/kg	<8,000	C
4-CHLORO-3-METHYLPHENOL	59-50-7	40 ug/kg	<8,000	C
2-CHLOROPHENOL	95-57-8	40 ug/kg	<8,000	C
DIBENZOFURAN	132-64-9	40 ug/kg	<8,000	C
DIBENZO-a,h-ANTHRACENE	53-70-3	40 ug/kg	9,620	
3,3-DICHLOROBENZIDINE	91-94-1	100 ug/kg	<8,000	C
2,4-DICHLOROPHENOL	102-83-2	40 ug/kg	<8,000	C
2,4-DINITROPHENOL	51-28-5	40 ug/kg	<8,000	C
2,6-DINITROTOLUENE	606-20-2	40 ug/kg	<8,000	C
DIMETHYLPHTHALATE	131-11-3	40 ug/kg	<8,000	C
DIETHYLPHTHALATE	84-66-2	40 ug/kg	<8,000	C

MDL = Minimum Detection Limit. Calculated on a wet weight basis

Client: ESPL	Client ID: FRX INW 6-4 (DW-1)
Date received: 2/9/07	Laboratory ID: 1129967
Date extracted: 2/14/07	Matrix: Soil
Date analyzed: 2/14/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
Di-n-BUTYLPHTHALATE	84-74-2	500 ug/kg	<8,000	C
DI-n-OCTYLPHTHALATE	117-84-0	40 ug/kg	<8,000	C
FLUORANTHENE	206-44-0	40 ug/kg	127,715	
FLUORENE	86-73-7	40 ug/kg	10,222	
HEXACHLOROBENZENE	118-74-1	40 ug/kg	<8,000	C
INDENO(1,2,3-c,d)PYRENE	193-39-5	40 ug/kg	29,285	
ISOPHORONE	78-59-1	40 ug/kg	<8,000	C
2-METHYLNAPHTHALENE	91-57-6	40 ug/kg	<8,000	C
2-METHYLPHENOL	95-48-7	40 ug/kg	<8,000	C
3+4-METHYLPHYENOL	15831-10-4	40 ug/kg	<8,000	C
NAPHTHALENE	91-20-3	40 ug/kg	<8,000	C
NITROBENZENE	98-95-3	40 ug/kg	<8,000	C
2-NITROANILINE	88-74-4	40 ug/kg	<8,000	C
2-NITROPHENOL	88-75-5	40 ug/kg	<8,000	C
4-NITROPHENOL	100-02-7	40 ug/kg	<8,000	C
3-NITROANILINE	99-09-2	40 ug/kg	<8,000	C
PENTACHLORPHENOL	87-86-5	40 ug/kg	<8,000	C
PHENANTHRENE	85-01-8	40 ug/kg	90,635	
PHENOL	108-95-1	40 ug/kg	<8,000	C
PYRENE	129-00-0	40 ug/kg	90,310	
2,4,5-TRICHLOROPHENOL	95-95-4	40 ug/kg	<8,000	C

MDL = Minimum Detection Limit. Calculated on a wet weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: ESPL	Client ID: FRX INW 6-4 (DW-1)
Date received: 2/9/07	Laboratory ID: 1129967
Date analyzed: See Below	Matrix: Soil

NYS TAGM METALS

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	2/13/07	<1.65	
ALUMINUM, Al	1.65 mg/kg	2/13/07	1,660	
ARSENIC, As	1.65 mg/kg	2/13/07	<1.65	
BARIUM, Ba	3.33 mg/kg	2/13/07	17.7	
BERYLLIUM, Be	1.65 mg/kg	2/13/07	<1.65	
CALCIUM, Ca	1.65 mg/kg	2/13/07	11,857	
CADMIUM, Cd	1.00 mg/kg	2/13/07	<1.00	
COBALT, Co	1.65 mg/kg	2/13/07	2.29	
CHROMIUM, Cr	1.65 mg/kg	2/13/07	12.0	
COPPER, Cu	1.65 mg/kg	2/13/07	31.8	
IRON, Fe	1.65 mg/kg	2/13/07	6,853	
MERCURY, Hg•	0.02 mg/kg	2/12/07	0.049	
POTASSIUM, K	1.65 mg/kg	2/13/07	200	
MAGNESIUM, Mg	1.65 mg/kg	2/13/07	3,151	
MANGANESE, Mn	1.65 mg/kg	2/13/07	50.8	
SODIUM, Na	1.65 mg/kg	2/13/07	78.5	
NICKEL, Ni	1.65 mg/kg	2/13/07	6.10	
LEAD, Pb	1.65 mg/kg	2/13/07	15.4	
ANTIMONY, Sb	1.65 mg/kg	2/13/07	<1.65	
SELENIUM, Se	1.65 mg/kg	2/13/07	<1.65	
THALIUM, Tl	1.65 mg/kg	2/13/07	<1.65	
VANADIUM, V	1.65 mg/kg	2/13/07	5.60	
ZINC, Zn	1.65 mg/kg	2/13/07	56.8	

MDL = Minimum Detection Limit.
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a wet weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: ESPL	Client ID: FRX INW 6-4 (DW-3)
Date received: 2/9/07	Laboratory ID: 1129968
Date extracted: 2/12/07	Matrix: Soil
Date analyzed: 2/12/07	ELAP #: 11693

NYS TAGM VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
ACETONE	62-64-1	50 ug/kg	<50	
BENZENE	71-43-2	5 ug/kg	<5	
2-BUTANONE (MEK)	78-93-3	10 ug/kg	<10	
CARBON DISULFIDE	75-15-0	5 ug/kg	<5	
CARBON TETRACHLORIDE	56-23-5	5 ug/kg	<5	
CHLOROBENZENE	108-90-7	5 ug/kg	<5	
CHLOROETHANE	75-00-3	5 ug/kg	<5	
CHLOROFORM	67-66-3	5 ug/kg	<5	
DIBROMOCHLOROMETHANE	124-48-1	5 ug/kg	<5	
1,2-DICHLOROBENZENE	95-50-1	5 ug/kg	<5	
1,3-DICHLOROBENZENE	541-73-1	5 ug/kg	<5	
1,4-DICHLOROBENZENE	106-46-7	5 ug/kg	<5	
1,1-DICHLOROETHANE	75-34-3	5 ug/kg	<5	
1,2-DICHLOROETHANE	107-06-2	5 ug/kg	<5	
1,1-DICHLOROETHENE	75-35-4	5 ug/kg	<5	
trans-1,2-DICHLOROETHENE	156-60-5	5 ug/kg	<5	
1,3-DICHLOROPROPANE	142-28-9	5 ug/kg	<5	
ETHYLBENZENE	100-41-4	5 ug/kg	<5	
FREON 113	76-13-1	5 ug/kg	<5	
METHYLENE CHLORIDE	75-09-2	5 ug/kg	<5	
4-METHYL-2-PENTANONE	108-10-1	5 ug/kg	<5	
TETRACHLOROETHENE	127-18-4	5 ug/kg	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5 ug/kg	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5 ug/kg	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5 ug/kg	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5 ug/kg	<5	
TOLUENE	108-88-3	5 ug/kg	<5	
TRICHLOROETHENE	79-01-6	5 ug/kg	<5	
VINYL CHLORIDE	75-01-4	5 ug/kg	<5	
p & m-XYLENE	1330-20-7	10 ug/kg	<10	
o-XYLENE	1330-20-7	5 ug/kg	<5	
n-BUTYLBENZENE	104-51-8	5 ug/kg	<5	
sec-BUTYLBENZENE	135-98-7	5 ug/kg	<5	
tert-BUTYLBENZENE	98-06-8	5 ug/kg	<5	
ISOPROPYLBENZENE	98-82-8	5 ug/kg	<5	
p-ISOPROPYLTOLUENE	99-87-6	5 ug/kg	<5	
n-PROPYLBENZENE	103-65-1	5 ug/kg	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5 ug/kg	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5 ug/kg	<5	

MDL = Minimum Detection Limit.

Calculated on a wet weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: ESPL	Client ID: FRX INW 6-4 (DW-3)
Date received: 2/9/07	Laboratory ID: 1129968
Date extracted: 2/14/07	Matrix: Soil
Date analyzed: 2/14/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
ACENAPHTHENE	83-32-9	40 ug/kg	<1,600	C
ACENAPHTHYLENE	208-96-8	40 ug/kg	<1,600	C
ANILINE	65-53-3	40 ug/kg	<1,600	C
ANTHRACENE	120-12-7	40 ug/kg	4,457	
BENZO-a-ANTHRACENE	56-55-3	40 ug/kg	15,444	
BENZO-a-PYRENE	50-32-8	40 ug/kg	28,933	
BENZO-b-FLUOROANTHENE	205-99-2	40 ug/kg	41,164	
BENZO-g,h,i-PERYLENE	191-24-2	40 ug/kg	15,572	
BENZO-k- FLUOROANTHENE	207-08-9	40 ug/kg	16,382	
Bis(2-ETHYLEXYL)PHTALATE	117-81-7	500 ug/kg	4,334	
BUTYLBENZYLPHTHALATE	85-68-7	40 ug/kg	<1,600	C
CHRYSENE	218-01-9	40 ug/kg	36,826	
4-CHLOROANILINE	106-47-8	40 ug/kg	<1,600	C
4-CHLORO-3-METHYLPHENOL	59-50-7	40 ug/kg	<1,600	C
2-CHLOROPHENOL	95-57-8	40 ug/kg	<1,600	C
DIBENZOFURAN	132-64-9	40 ug/kg	<1,600	C
DIBENZO-a,h-ANTHRACENE	53-70-3	40 ug/kg	3,441	
3,3-DICHLOROBENZIDINE	91-94-1	100 ug/kg	<1,600	C
2,4-DICHLOROPHENOL	102-83-2	40 ug/kg	<1,600	C
2,4-DINITROPHENOL	51-28-5	40 ug/kg	<1,600	C
2,6-DINITROTOLUENE	606-20-2	40 ug/kg	<1,600	C
DIMETHYLPHTHALATE	131-11-3	40 ug/kg	<1,600	C
DIETHYLPHTHALATE	84-66-2	40 ug/kg	<1,600	C

MDL = Minimum Detection Limit. Calculated on a wet weight basis

Client: ESPL	Client ID: FRX INW 6-4 (DW-3)
Date received: 2/9/07	Laboratory ID: 1129968
Date extracted: 2/14/07	Matrix: Soil
Date analyzed: 2/14/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
Di-n-BUTYLPHTHALATE	84-74-2	500 ug/kg	<1,600	C
DI-n-OCTYLPHTHALATE	117-84-0	40 ug/kg	<1,600	C
FLUORANTHENE	206-44-0	40 ug/kg	36,751	
FLUORENE	86-73-7	40 ug/kg	<1,600	C
HEXACHLOROBENZENE	118-74-1	40 ug/kg	<1,600	C
INDENO(1,2,3-c,d)PYRENE	193-39-5	40 ug/kg	16,463	
ISOPHORONE	78-59-1	40 ug/kg	<1,600	C
2-METHYLNAPHTHALENE	91-57-6	40 ug/kg	<1,600	C
2-METHYLPHENOL	95-48-7	40 ug/kg	<1,600	C
3+4-METHYLPHYENOL	15831-10-4	40 ug/kg	<1,600	C
NAPHTHALENE	91-20-3	40 ug/kg	<1,600	C
NITROBENZENE	98-95-3	40 ug/kg	<1,600	C
2-NITROANILINE	88-74-4	40 ug/kg	<1,600	C
2-NITROPHENOL	88-75-5	40 ug/kg	<1,600	C
4-NITROPHENOL	100-02-7	40 ug/kg	<1,600	C
3-NITROANILINE	99-09-2	40 ug/kg	<1,600	C
PENTACHLORPHENOL	87-86-5	40 ug/kg	<1,600	C
PHENANTHRENE	85-01-8	40 ug/kg	25,631	
PHENOL	108-95-1	40 ug/kg	<1,600	C
PYRENE	129-00-0	40 ug/kg	26,317	
2,4,5-TRICHLOROPHENOL	95-95-4	40 ug/kg	<1,600	C

MDL = Minimum Detection Limit. Calculated on a wet weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: ESPL	Client ID: FRX INW 6-4 (DW-3)
Date received: 2/9/07	Laboratory ID: 1129968
Date analyzed: See Below	Matrix: Soil

NYS TAGM METALS

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	2/13/07	<1.65	
ALUMINUM, Al	1.65 mg/kg	2/13/07	2,078	
ARSENIC, As	1.65 mg/kg	2/13/07	<1.65	
BARIUM, Ba	3.33 mg/kg	2/13/07	41.5	
BERYLLIUM, Be	1.65 mg/kg	2/13/07	<1.65	
CALCIUM, Ca	1.65 mg/kg	2/13/07	51,283	
CADMIUM, Cd	1.00 mg/kg	2/13/07	<1.00	
COBALT, Co	1.65 mg/kg	2/13/07	2.45	
CHROMIUM, Cr	1.65 mg/kg	2/13/07	7.43	
COPPER, Cu	1.65 mg/kg	2/13/07	519	
IRON, Fe	1.65 mg/kg	2/13/07	8,219	
MERCURY, Hg•	0.02 mg/kg	2/12/07	0.069	
POTASSIUM, K	1.65 mg/kg	2/13/07	114	
MAGNESIUM, Mg	1.65 mg/kg	2/13/07	2,271	
MANGANESE, Mn	1.65 mg/kg	2/13/07	148	
SODIUM, Na	1.65 mg/kg	2/13/07	81.7	
NICKEL, Ni	1.65 mg/kg	2/13/07	3.93	
LEAD, Pb	1.65 mg/kg	2/13/07	64.2	
ANTIMONY, Sb	1.65 mg/kg	2/13/07	<1.65	
SELENIUM, Se	1.65 mg/kg	2/13/07	<1.65	
THALIUM, Tl	1.65 mg/kg	2/13/07	<1.65	
VANADIUM, V	1.65 mg/kg	2/13/07	5.77	
ZINC, Zn	1.65 mg/kg	2/13/07	133	

MDL = Minimum Detection Limit. Calculated on a wet weight basis
Performed by SW-846 Method 6010
•Method: EPA 7471A

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: ESPL	Client ID: FRX INW 6-4 (DW-4)
Date received: 2/9/07	Laboratory ID: 1129969
Date extracted: 2/13/07	Matrix: Soil
Date analyzed: 2/13/07	ELAP #: 11693

NYS TAGM VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
ACETONE	62-64-1	50 ug/kg	<50	
BENZENE	71-43-2	5 ug/kg	<5	
2-BUTANONE (MEK)	78-93-3	10 ug/kg	<10	
CARBON DISULFIDE	75-15-0	5 ug/kg	<5	
CARBON TETRACHLORIDE	56-23-5	5 ug/kg	<5	
CHLOROBENZENE	108-90-7	5 ug/kg	<5	
CHLOROETHANE	75-00-3	5 ug/kg	<5	
CHLOROFORM	67-66-3	5 ug/kg	<5	
DIBROMOCHLOROMETHANE	124-48-1	5 ug/kg	<5	
1,2-DICHLOROBENZENE	95-50-1	5 ug/kg	<5	
1,3-DICHLOROBENZENE	541-73-1	5 ug/kg	<5	
1,4-DICHLOROBENZENE	106-46-7	5 ug/kg	<5	
1,1-DICHLOROETHANE	75-34-3	5 ug/kg	<5	
1,2-DICHLOROETHANE	107-06-2	5 ug/kg	<5	
1,1-DICHLOROETHENE	75-35-4	5 ug/kg	<5	
trans-1,2-DICHLOROETHENE	156-60-5	5 ug/kg	<5	
1,3-DICHLOROPROPANE	142-28-9	5 ug/kg	<5	
ETHYLBENZENE	100-41-4	5 ug/kg	<5	
FREON 113	76-13-1	5 ug/kg	<5	
METHYLENE CHLORIDE	75-09-2	5 ug/kg	<5	
4-METHYL-2-PENTANONE	108-10-1	5 ug/kg	<5	
TETRACHLOROETHENE	127-18-4	5 ug/kg	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5 ug/kg	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5 ug/kg	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5 ug/kg	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5 ug/kg	<5	
TOLUENE	108-88-3	5 ug/kg	<5	
TRICHLOROETHENE	79-01-6	5 ug/kg	<5	
VINYL CHLORIDE	75-01-4	5 ug/kg	<5	
p & m-XYLENE	1330-20-7	10 ug/kg	<10	
o-XYLENE	1330-20-7	5 ug/kg	<5	
n-BUTYLBENZENE	104-51-8	5 ug/kg	<5	
sec-BUTYLBENZENE	135-98-7	5 ug/kg	<5	
tert-BUTYLBENZENE	98-06-8	5 ug/kg	<5	
ISOPROPYLBENZENE	98-82-8	5 ug/kg	<5	
p-ISOPROPYLTOLUENE	99-87-6	5 ug/kg	<5	
n-PROPYLBENZENE	103-65-1	5 ug/kg	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5 ug/kg	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5 ug/kg	<5	

MDL = Minimum Detection Limit.

Calculated on a wet weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: ESPL	Client ID: FRX INW 6-4 (DW-4)
Date received: 2/9/07	Laboratory ID: 1129969
Date extracted: 2/14/07	Matrix: Soil
Date analyzed: 2/14/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
ACENAPHTHENE	83-32-9	40 ug/kg	<800	C
ACENAPHTHYLENE	208-96-8	40 ug/kg	<800	C
ANILINE	65-53-3	40 ug/kg	<800	C
ANTHRACENE	120-12-7	40 ug/kg	1,096	
BENZO-a-ANTHRACENE	56-55-3	40 ug/kg	6,638	
BENZO-a-PYRENE	50-32-8	40 ug/kg	8,931	
BENZO-b-FLUOROANTHENE	205-99-2	40 ug/kg	14,533	
BENZO-g,h,i-PERYLENE	191-24-2	40 ug/kg	9,212	
BENZO-k- FLUOROANTHENE	207-08-9	40 ug/kg	4,507	
Bis(2-ETHYLEXYL)PHTALATE	117-81-7	500 ug/kg	1,210	
BUTYLBENZYLPHTHALATE	85-68-7	40 ug/kg	<800	C
CHRYSENE	218-01-9	40 ug/kg	14,281	
4-CHLOROANILINE	106-47-8	40 ug/kg	<800	C
4-CHLORO-3-METHYLPHENOL	59-50-7	40 ug/kg	<800	C
2-CHLOROPHENOL	95-57-8	40 ug/kg	<800	C
DIBENZOFURAN	132-64-9	40 ug/kg	<800	C
DIBENZO-a,h-ANTHRACENE	53-70-3	40 ug/kg	2,632	
3,3-DICHLOROBENZIDINE	91-94-1	100 ug/kg	<800	C
2,4-DICHLOROPHENOL	102-83-2	40 ug/kg	<800	C
2,4-DINITROPHENOL	51-28-5	40 ug/kg	<800	C
2,6-DINITROTOLUENE	606-20-2	40 ug/kg	<800	C
DIMETHYLPHTHALATE	131-11-3	40 ug/kg	<800	C
DIETHYLPHTHALATE	84-66-2	40 ug/kg	<800	C

MDL = Minimum Detection Limit. Calculated on a wet weight basis

Client: ESPL	Client ID: FRX INW 6-4 (DW-4)
Date received: 2/9/07	Laboratory ID: 1129969
Date extracted: 2/14/07	Matrix: Soil
Date analyzed: 2/14/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/kg	FLAG
Di-n-BUTYLPHTHALATE	84-74-2	500 ug/kg	<800	C
DI-n-OCTYLPHTHALATE	117-84-0	40 ug/kg	<800	C
FLUORANTHENE	206-44-0	40 ug/kg	33,368	
FLUORENE	86-73-7	40 ug/kg	<800	C
HEXACHLOROBENZENE	118-74-1	40 ug/kg	<800	C
INDENO(1,2,3-c,d)PYRENE	193-39-5	40 ug/kg	10,688	
ISOPHORONE	78-59-1	40 ug/kg	<800	C
2-METHYLNAPHTHALENE	91-57-6	40 ug/kg	<800	C
2-METHYLPHENOL	95-48-7	40 ug/kg	<800	C
3+4-METHYLPHYENOL	15831-10-4	40 ug/kg	<800	C
NAPHTHALENE	91-20-3	40 ug/kg	<800	C
NITROBENZENE	98-95-3	40 ug/kg	<800	C
2-NITROANILINE	88-74-4	40 ug/kg	<800	C
2-NITROPHENOL	88-75-5	40 ug/kg	<800	C
4-NITROPHENOL	100-02-7	40 ug/kg	<800	C
3-NITROANILINE	99-09-2	40 ug/kg	<800	C
PENTACHLORPHENOL	87-86-5	40 ug/kg	<800	C
PHENANTHRENE	85-01-8	40 ug/kg	11,924	
PHENOL	108-95-1	40 ug/kg	<800	C
PYRENE	129-00-0	40 ug/kg	22,516	
2,4,5-TRICHLOROPHENOL	95-95-4	40 ug/kg	<800	C

MDL = Minimum Detection Limit. Calculated on a wet weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: ESPL	Client ID: FRX INW 6-4 (DW-4)
Date received: 2/9/07	Laboratory ID: 1129969
Date analyzed: See Below	Matrix: Soil

NYS TAGM METALS

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	2/13/07	<1.65	
ALUMINUM, Al	1.65 mg/kg	2/13/07	1,719	
ARSENIC, As	1.65 mg/kg	2/13/07	<1.65	
BARIUM, Ba	3.33 mg/kg	2/13/07	12.8	
BERYLLIUM, Be	1.65 mg/kg	2/13/07	<1.65	
CALCIUM, Ca	1.65 mg/kg	2/13/07	51,770	
CADMIUM, Cd	1.00 mg/kg	2/13/07	<1.00	
COBALT, Co	1.65 mg/kg	2/13/07	1.79	
CHROMIUM, Cr	1.65 mg/kg	2/13/07	128	
COPPER, Cu	1.65 mg/kg	2/13/07	14.8	
IRON, Fe	1.65 mg/kg	2/13/07	4,557	
MERCURY, Hg•	0.02 mg/kg	2/12/07	<0.020	
POTASSIUM, K	1.65 mg/kg	2/13/07	263	
MAGNESIUM, Mg	1.65 mg/kg	2/13/07	30,373	
MANGANESE, Mn	1.65 mg/kg	2/13/07	49.6	
SODIUM, Na	1.65 mg/kg	2/13/07	61.9	
NICKEL, Ni	1.65 mg/kg	2/13/07	53.1	
LEAD, Pb	1.65 mg/kg	2/13/07	8.08	
ANTIMONY, Sb	1.65 mg/kg	2/13/07	<1.65	
SELENIUM, Se	1.65 mg/kg	2/13/07	<1.65	
THALIUM, Tl	1.65 mg/kg	2/13/07	<1.65	
VANADIUM, V	1.65 mg/kg	2/13/07	22.3	
ZINC, Zn	1.65 mg/kg	2/13/07	69.8	

MDL = Minimum Detection Limit. Calculated on a wet weight basis
Performed by SW-846 Method 6010
•Method: EPA 7471A

Michael Veraldi-Laboratory Director

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Client: ESPL	Client ID: FRX INW 6-4 (DW-2)
Date received: 2/9/07	Laboratory ID: 1129970
Date extracted: 2/12/07	Matrix: Liquid
Date analyzed: 2/12/07	ELAP #: 11693

NYS TAGM VOLATILES

Parameter	CAS No.	MDL	Results ug/L	Flag
ACETONE	62-64-1	50 ug/L	<50	
BENZENE	71-43-2	0.7 ug/L	<0.7	
2-BUTANONE (MEK)	78-93-3	10 ug/L	<10	
CARBON DISULFIDE	75-15-0	5 ug/L	<5	
CARBON TETRACHLORIDE	56-23-5	5 ug/L	<5	
CHLOROBENZENE	108-90-7	5 ug/L	<5	
CHLOROETHANE	75-00-3	5 ug/L	<5	
CHLOROFORM	67-66-3	5 ug/L	<5	
DIBROMOCHLOROMETHANE	124-48-1	5 ug/L	<5	
1,2-DICHLOROBENZENE	95-50-1	5 ug/L	<5	
1,3-DICHLOROBENZENE	541-73-1	5 ug/L	<5	
1,4-DICHLOROBENZENE	106-46-7	5 ug/L	<5	
1,1-DICHLOROETHANE	75-34-3	5 ug/L	<5	
1,2-DICHLOROETHANE	107-06-2	5 ug/L	<5	
1,1-DICHLOROETHENE	75-35-4	5 ug/L	<5	
trans-1,2-DICHLOROETHENE	156-60-5	5 ug/L	<5	
1,3-DICHLOROPROPANE	142-28-9	5 ug/L	<5	
ETHYLBENZENE	100-41-4	5 ug/L	<5	
FREON 113	76-13-1	5 ug/L	<5	
METHYLENE CHLORIDE	75-09-2	5 ug/L	<5	
4-METHYL-2-PENTANONE	108-10-1	5 ug/L	<5	
TETRACHLOROETHENE	127-18-4	5 ug/L	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5 ug/L	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5 ug/L	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5 ug/L	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5 ug/L	<5	
TOLUENE	108-88-3	5 ug/L	<5	
TRICHLOROETHENE	79-01-6	5 ug/L	<5	
VINYL CHLORIDE	75-01-4	5 ug/L	<5	
p & m-XYLENE	1330-20-7	10 ug/L	<10	
o-XYLENE	1330-20-7	5 ug/L	<5	
n-BUTYLBENZENE	104-51-8	5 ug/L	<5	
sec-BUTYLBENZENE	135-98-7	5 ug/L	<5	
tert-BUTYLBENZENE	98-06-8	5 ug/L	<5	
ISOPROPYLBENZENE	98-82-8	5 ug/L	<5	
p-ISOPROPYLTOLUENE	99-87-6	5 ug/L	<5	
n-PROPYLBENZENE	103-65-1	5 ug/L	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5 ug/L	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5 ug/L	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: ESPL	Client ID: FRX INW 6-4 (DW-2)
Date received: 2/9/07	Laboratory ID: 1129970
Date extracted: 2/12/07	Matrix: Liquid
Date analyzed: 2/12/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/L	Flag
ACENAPHTHENE	83-32-9	5 ug/L	<5	
ACENAPHTHYLENE	208-96-8	5 ug/L	<5	
ANILINE	65-53-3	5 ug/L	<5	
ANTHRACENE	120-12-7	5 ug/L	<5	
BENZO-a-ANTHRACENE	56-55-3	5 ug/L	<5	
BENZO-a-PYRENE	50-32-8	5 ug/L	<5	
BENZO-b-FLUOROANTHENE	205-99-2	5 ug/L	<5	
BENZO-g,h,i-PERYLENE	191-24-2	5 ug/L	<5	
BENZO-k- FLUOROANTHENE	207-08-9	5 ug/L	<5	
Bis(2-ETHYLEXYL)PHTALATE	117-81-7	5 ug/L	6	
BUTYLBENZYLPHTHALATE	85-68-7	5 ug/L	<5	
CHRYSENE	218-01-9	5 ug/L	<5	
4-CHLOROANILINE	106-47-8	5 ug/L	<5	
4-CHLORO-3-METHYLPHENOL	59-50-7	5 ug/L	<5	
2-CHLOROPHENOL	95-57-8	5 ug/L	<5	
DIBENZOFURAN	132-64-9	5 ug/L	<5	
DIBENZO-a,h-ANTHRACENE	53-70-3	5 ug/L	<5	
3,3-DICHLOROBENZIDINE	91-94-1	5 ug/L	<5	
2,4-DICHLOROPHENOL	102-83-2	5 ug/L	<5	
2,4-DINITROPHENOL	51-28-5	5 ug/L	<5	
2,6-DINITROTOLUENE	606-20-2	5 ug/L	<5	
DIETHYLPHTHALATE	84-66-2	5 ug/L	<5	
DIMETHYLPHTHALATE	131-11-3	5 ug/L	<5	

MDL = Minimum Detection Limit.

Client: ESPL	Client ID: FRX INW 6-4 (DW-2)
Date received: 2/9/07	Laboratory ID: 1129970
Date extracted: 2/12/07	Matrix: Liquid
Date analyzed: 2/12/07	ELAP #: 11693

NYS TAGM SEMI-VOLATILES

Parameter	CAS No.	MDL	Results ug/L	Flag
Di-n-BUTYLPHTHALATE	84-74-2	5 ug/L	6	
DI-n-OCTYLPHTHALATE	117-84-0	5 ug/L	<5	
FLUORANTHENE	206-44-0	5 ug/L	<5	
FLUORENE	86-73-7	5 ug/L	<5	
HEXACHLOROBENZENE	118-74-1	5 ug/L	<5	
INDENO(1,2,3-c,d)PYRENE	193-39-5	5 ug/L	<5	
ISOPHORONE	78-59-1	5 ug/L	<5	
2-METHYLNAPHTHALENE	91-57-6	5 ug/L	<5	
2-METHYLPHENOL	95-48-7	5 ug/L	<5	
4-METHYLPHENOL	106-44-5	5 ug/L	<5	
NAPHTHALENE	91-20-3	5 ug/L	<5	
NITROBENZENE	98-95-3	5 ug/L	<5	
2-NITROANILINE	88-74-4	5 ug/L	<5	
2-NITROPHENOL	88-75-5	5 ug/L	<5	
4-NITROPHENOL	100-02-7	5 ug/L	<5	
3-NITROANILINE	99-09-2	5 ug/L	<5	
PENTACHLORPHENOL	87-86-5	5 ug/L	<5	
PHENANTHRENE	85-01-8	5 ug/L	<5	
PHENOL	108-95-1	5 ug/L	<5	
PYRENE	129-00-0	5 ug/L	<5	
2,4,5-TRICHLOROPHENOL	95-95-4	5 ug/L	<5	

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

Client: ESPL	Client ID: FRX INW 6-4 (DW-2)
Date received: 2/9/07	Laboratory ID: 1129970
Date analyzed: See Below	Matrix: Liquid

NYS TAGM METALS

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	2/12/07	<0.05	
ALUMINUM, Al	0.05 mg/L	2/12/07	0.49	
ARSENIC, As	0.05 mg/L	2/12/07	<0.05	
BARIUM, Ba	1.00 mg/L	2/12/07	<1.00	
BERYLLIUM, Be	0.05 mg/L	2/12/07	<0.05	
CALCIUM, Ca	0.05 mg/L	2/12/07	12.0	
CADMIUM, Cd	1.00 mg/L	2/12/07	<1.00	
CYANIDE, Cn	0.10 mg/L	2/12/07	<0.10	
COBALT, Co	0.05 mg/L	2/12/07	<0.05	
CHROMIUM, Cr	0.05 mg/L	2/12/07	<0.05	
COPPER, Cu	0.05 mg/L	2/12/07	<0.05	
IRON, Fe	0.05 mg/L	2/12/07	1.22	
MERCURY, Hg•	0.002 mg/L	2/12/07	<0.002	
POTASSIUM, K	0.05 mg/L	2/12/07	1.36	
MAGNESIUM, Mg	0.05 mg/L	2/12/07	2.31	
MANGANESE, Mn	0.05 mg/L	2/12/07	<0.05	
SODIUM, Na	0.05 mg/L	2/12/07	10.5	
NICKEL, Ni	0.05 mg/L	2/12/07	<0.05	
LEAD, Pb	0.005 mg/L	2/12/07	0.015	
ANTIMONY, Sb	0.05 mg/L	2/12/07	<0.05	
SELENIUM, Se	0.05 mg/L	2/12/07	<0.05	
THALIUM, Tl	0.05 mg/L	2/12/07	<0.05	
VANADIUM, V	0.05 mg/L	2/12/07	<0.05	
ZINC, Zn	0.05 mg/L	2/12/07	0.12	

MDL = Minimum Detection Limit.
Method: EPA 200.7
ºMethod: SM18(4500-CN-D)
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

0030277

CLIENT NAME/ADDRESS	CONTACT: Ray Kahn	SAMPLER (SIGNATURE) / DATE / TIME	SAMPLE(S) SEALED
ESPL	PHONE: 212-330-7501	A Hashemkhani 2/7/07 4:00	YES / NO
106 W 32nd ST NY 10001	FAX: 212-330-7505	SAMPLER NAME (PRINT) / DATE / TIME	CORRECT CONTAINER(S)
PROJECT LOCATION: FRX INW 6-4		A Hashemkhani 2/7/07 4:00	YES / NO

SAMPLES RECEIVED AT 4 °C

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month.

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	PRES.	PH UNITS	RES. CHLORINE PPM	SAMPLE # - LOCATION	ANALYSIS REQUIRED: VOA TCLP	SVOA TCLP	Metals TCLP	# OF CONTAINERS
1. 112967	S	G	I			DW 1	X	X	X	1
2. 112968	S	G	I			DW 3	X	X	X	1
3. 112969	S	G	I			DW 4	X	X	X	1
4. 112970	L	G	I			DW 2	X	X	X	3
5.										
6.										
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										

MATRIX: S=SOIL; SL=SLUDGE; L=LIQUID; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: ICE, HCL, H_2SO_4, NAOH, $NA_2S_3O_3$

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE 2/7/07 TIME 4:30	PRINTED NAME A Hashemkhani	RECEIVED BY (SIGNATURE)	DATE 2/9/07 TIME 1:49	PRINTED NAME Chris Otte
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 2/9/07 TIME 4:30	PRINTED NAME

WHITE - OFFICE / CANARY - LAB / PINK - SAMPLE CUSTODIAN / GOLDENROD - CLIENT NYSDOH ELAP# 11693 USEPA# NY01273 AIHA# 164456 CTDOH# PH-0284

S-3
S-4

Tabulated Laboratory Results

TABLE 7

Volatile Organic Compounds Analysis
Drywell Soil/Sediment Sample

Sample ID	CAS #	S3	S4	MDL (ppb)	TAGM Rec. Soil Cleanup Objective (ppb)
Date Collected		2/24/2007	2/24/2007		
Matrix		Soil	Soil		
EPA Methodology		8260	8260		
Date Analyzed		2/26/2007	2/26/2007		
Parameter		(ppb)	(ppb)		
Acetone	67-64-1	<50	<50	50	200
Benzene	71-43-2	<5	<5	5	60
2-Butanone (MEK)	78-93-3	<10	<10	10	300
Carbon Disulfide	75-15-0	<5	<5	5	2,700
Carbon Tetrachloride	56-23-5	<5	<5	5	600
Chlorobenzene	108-90-7	<5	<5	5	1,700
Chloroethane	75-00-3	<5	<5	5	1,900
Chloroform	67-66-3	<5	<5	5	300
Dibromochloromethane	124-48-1	<5	<5	5	N/A
1,2-Dichlorobenzene	95-50-1	<5	<5	5	7,900
1,3-Dichlorobenzene	541-73-1	<5	<5	5	1,600
1,4-Dichlorobenzene	106-46-7	<5	<5	5	8,500
1,1-Dichloroethane	75-34-3	<5	<5	5	200
1,2-Dichloroethane	107-06-2	<5	<5	5	100
1,1-Dichloroethene	75-35-4	<5	<5	5	400
Trans-1,2-Dichloroethene	156-60-5	<5	<5	5	300
1,3-Dichloropropane	142-28-9	<5	<5	5	300
Ethylbenzene	100-41-4	<5	<5	5	5,500
113 Freon (1,1,2 Trichloro-1,2,2 Trifluoroethane)	76-13-1	<5	<5	5	6,000
Methylene Chloride	75-09-2	<5	<5	5	100
4- Methyl-2-Pentanone	108-10-1	<5	<5	5	1,000
Tetrachloroethene	127-18-4	<5	<5	5	1,400
1,1,1-Trichloroethane	71-55-6	<5	<5	5	800
1,1,2,2-Tetrachloroethane	79-34-5	<5	<5	5	600
1,2,3-Trichloropropane	96-18-4	<5	<5	5	400
1,2,4-Trimethylbenzene	95-63-6	<5	<5	5	3,400
Toluene	108-88-3	<5	<5	5	1,500
Trichloroethene	79-01-6	<5	<5	5	700
Vinyl Chloride	75-01-4	<5	<5	5	200
m,p-Xylene	1330-20-7	<10	<10	10	1,200
o-Xylene	95-47-6	<5	<5	5	

TABLE 8

Semi-Volatile Organic Compounds Analysis
Drywell Soil/Sediment Samples

Sample ID	CAS #	S3	S4	MDL (ppb)	TAGM Rec. Soil Cleanup Objective (ppb)
Date Collected		2/24/2007	2/24/2007		
Matrix		Soil	Soil		
EPA Methodology		8270	8270		
Date Analyzed		2/26/2007	2/26/2007		
Parameter		(ppb)	(ppb)		
Acenaphthene	83-32-9	<40	71	40	50,000
Acenaphthylene	208-96-8	<40	43	40	41,000
Aniline	62-53-3	<40	<40	40	100
Anthracene	120-12-7	<40	186	40	50,000
Benzo(a)Anthracene	56-55-3	<40	1,701	40	224 or MDL
Benzo(a)Pyrene	50-32-8	<40	2,049	40	61 or MDL
Benzo(b)Fluoranthene	205-99-2	53	3,279	40	1,100
Benzo(g,h,i)Perylene	191-24-2	<40	1,531	40	50,000
Benzo(k)Fluoranthene	207-08-9	<40	935	40	1,100
Bis(2-Ethylhexyl)Phtalate	117-81-7	<500	<500	500	50,000
Butylbenzylphthalate	85-68-7	<40	<40	40	50,000
Chrysene	218-01-9	<40	2,245	40	400
4-Chloroaniline	106-47-8	<40	<40	40	220 or MDL
4-Chloro-3-Methylphenol	59-50-7	<40	<40	40	240 or MDL
2-Chlorophenol	95-57-8	<40	<40	40	800
Dibenzofuran	132-64-9	<40	<40	40	6,200
Dibenzo(a,h)Anthracene	53-70-3	<40	298	40	14 or MDL
3,3-Dichlorobenzidine	91-94-1	<100	<100	100	N/A
2,4-Dichlorophenol	120-83-2	<40	<40	40	400
2,4-Dinitrophenol	51-28-5	<40	<40	40	200 or MDL
2,6-Dinitrotoluene	606-20-2	<40	<40	40	1,000
Diethylphthalate	84-66-2	<40	<40	40	7,100

TABLE 8 (continued)

Semi-Volatile Organic Compounds Analysis
Drywell Soil/Sediment Samples

Sample ID	CAS #	S3	S4	MDL (ppb)	TAGM Rec. Soil Cleanup Objective (ppb)
Date Collected		2/24/2007	2/24/2007		
Matrix		Soil	Soil		
EPA Methodology		8270	8270		
Date Analyzed		2/26/2007	2/26/2007		
Parameter		(ppb)	(ppb)		
Dimethylphthalate	131-11-3	<40	<40	40	2,000
Di-n-Butylphthalate	84-74-2	<500	<500	500	8,100
Di-n-Octylphthalate	117-84-0	< 40	<40	40	50,000
Fluoranthene	206-44-0	49	5,173	40	50,000
Fluorene	86-73-7	<40	69	40	50,000
Hexachlorobenzene	118-74-1	<40	<40	40	410
Indeno(1,2,3-c,d)Pyrene	193-39-5	<40	1,769	40	3,200
Isophorone	78-59-1	<40	<40	40	4,400
2-Methylnaphthalene	91-57-6	<40	47	40	36,400
2-Methylphenol	95-48-7	<40	<40	40	100 or MDL
4-Methylphenol	106-44-5	<40	<40	40	900
Naphthalene	91-20-3	<40	<40	40	13,000
Nitrobenzene	98-95-3	<40	<40	40	200 or MDL
2-Nitroaniline	88-74-4	<40	<40	40	430 or MDL
2-Nitrophenol	88-75-5	<40	<40	40	330 or MDL
4-Nitrophenol	100-02-7	<40	<40	40	100 or MDL
3-Nitroaniline	99-09-2	<40	<40	40	500 or MDL
Pentachlorophenol	87-86-5	<40	<40	40	1,000 or MDL
Phenanthrene	85-01-8	<40	1,728	40	50,000
Phenol	108-95-2	<40	<40	40	30 or MDL
Pyrene	129-00-0	<40	3,951	40	50,000
2,4,5-Trichlorophenol	95-95-4	<40	<40	40	100

TABLE 9

RCRA Metals Analysis
Drywell Soil/Sediment Samples

Sample ID	CAS #	S3	S4	MDL (ppm)	Eastern USA Background (ppm)
Date Collected		2/24/2007	2/24/2007		
Matrix		Soil	Soil		
EPA Methodology		6010	6010		
Date Analyzed		2/26/2007	2/27/2007		
Parameter		(ppm)	(ppm)		
Arsenic	7440-38-2	<1.65	<1.65	1.65	3 – 12**
Barium	7440-39-3	15.5	11.3	3.33	15 - 600
Cadmium	7440-43-9	<1.00	<1.00	1.00	0.1 - 1
Chromium	7440-47-3	7.36	4.56	1.65	1.5 – 40**
Lead	7439-92-1	7.16	9.20	1.65	****
Mercury	7439-97-6	<0.020	<0.020	0.02	0.001 – 0.2
Selenium	7782-49-2	<1.65	<1.65	1.65	0.1 – 3.9
Silver	7440-22-4	<1.65	<1.65	1.65	N/A

Note: Some forms of metal salts such as Aluminum Phosphide, Calcium Cyanide, Potassium Cyanide, Copper cyanide, Silver cyanide, Sodium cyanide, Zinc phosphide, Thallium salts, Vanadium pentoxide and Chromium (VI) compounds are more toxic in nature. Please refer to the USEPA HEASTs database to find cleanup objectives if such metals are present in soil.

SB is site background

N/A is not available

CRDL is contract required detection limit which is approx. 10 times the CRDL for water.

** New York State background

*** Some forms of Cyanide are complex and very stable while other forms are pH dependent and hence are very unstable. Site-specific form(s) of Cyanide should be taken into consideration when establishing soil cleanup objective.

**** Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

***** Recommended soil cleanup objectives are average background concentrations as reported in a 1984 survey of reference material by E. Carol McGovern, NYSDEC.

Laboratory Analytical Data