

SITE ASSESSMENT REPORT

FOR THE UNDERGROUND TANK REMOVAL

LOCATED AT:

55-01 2nd Street
Long Island City, NY 11101

Tank No. 001: 4,000 Gallon Diesel Tank
Tank No. 002: 4,000 Gallon Diesel Tank

PREPARED FOR:

HDH LLC
C/O Hans Holterbosch, Inc.
375 Park Avenue #2503
New York, New York 10152

PREPARED BY:

Empire Environmental Services
12 Bay 49th Street
Brooklyn, NY 11214

COMPLETED: August 1, 2011

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INTRODUCTION

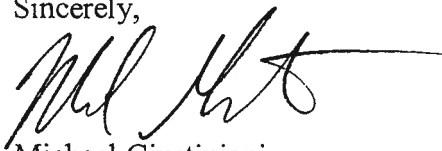
Empire Environmental Services was retained by **HDH LLC**, for the purpose of supervising and conducting the removal of two (2) 4,000 Gallon Buried Diesel Tanks. This site is located at **55-01-2nd Street** in the borough of **Queens** in the state of **New York** (hereinafter referred to as "the site").

The removal of the tanks was performed in complete compliance with the New York State Department of Environmental Conservation (DEC), Spill Prevention Operations Technology Series Spots # 14.

As part of this site assessment, EES collected four (4) soil samples and one (1) water sample after the removal of the tanks listed above. The samples were transported to South Mall Analytical Labs Inc., for analysis by Methods 8260 & 8270 MTBE.

The purpose of this "Site Assessment" is to discuss the results of this limited field investigation and laboratory data obtained from the samples. A detailed description of the field activities is presented in the following sections.

Sincerely,



Michael Giustiniani
Project Manager

SECTION I: Work Performed For Tank Removal:

Removal of two (2) 4,000 Gallon Diesel Tanks

A.1: Site Description

- The subject property is located at **55-01-2nd Street** in the borough of Queens. There were two (2) 4,000 gallon diesel tanks located at this site. On July 19, 2011 the tanks were pumped-out and squeegee cleaned in preparation for the tank removals. Tank bottoms were put into one (1) drum. EES removed two (2) 4,000 gallon diesel tank on July 21st from the excavated hole. The tanks were in good condition when they were removed and there was no evidence of visually stained soil. The excavation area was back filled with ¾" stone.

See Section IV D.1: for Gas-free Certificate

See Section IV D.2: for Affidavit of Tank Removal

A.2: Soil Samples for Tank

- On July 21, 2011 four (4) soil samples were taken from the following locations:
 - ◆ B1 - North wall of excavation
 - ◆ B2 - South wall of excavation
 - ◆ B3 - East wall of excavation
 - ◆ B4 - West wall of excavation
 - ◆ Water Sample taken at water table 5'

See Section IV D.3: for Site Location Map for Tank Removal

A.3: Soil and Water Sample Analysis

- Four (4) soil samples and one (1) water sample were collected on July 21, 2011. All were submitted to South Mall Analytical Labs, Inc. (a New York State approved laboratory) on July 22, 2011 to be analyzed by methods 8260 (MTBE-stars) and 8270 (BN-stars).

See Section IV D.6: for Chain of Custody for Tank Removal

See Section IV D.7: for Laboratory Analytical Results for Tank Removal

- All the samples were collected in laboratory sterilized glassware and stored in a cool, dry location (cooler containing ice-packs) until they were transported to the testing laboratory.

SECTION II: Discussion of Results

B.1: Discussion of Results for Tank Removal

- ◆ The results of four (4) soil samples and one (1) water sample taken on July 21, 2011 indicates the following:

The following listed compounds exceed the New York State Department of Environmental Conservation guidelines (STARS Memo # 1).

METHOD 8260 Soil Samples

- B1:** All compounds tested were under the N.Y.S.D.E.C. guidelines.
- B2:** All compounds tested were under the N.Y.S.D.E.C. guidelines.
- B3:** All compounds tested were under the N.Y.S.D.E.C. guidelines.
- B4:** All compounds tested were under the N.Y.S.D.E.C. guidelines.
- WATER:** *o-Xylene, 1,2,4-Trimethylbenzene, 1,3,5- Trimethylbenzene*

See Section IV D.8: for Sample Table Listing Guideline Limits and Sample Results
See Section IV D.7: for Laboratory Analytical Results for Tank Removal

METHOD 8270 Soil Samples

- B1:** *Benzo (a) Anthracene, Benzo (a) Pyrene, Benzo (b) Fluoranthene, Benzo (k) Fluoranthene, Chrysene*
- B2:** *Benzo (a) Anthracene, Benzo (a) Pyrene, Benzo (b) Fluoranthene, Benzo (k) Fluoranthene, Chrysene, Ideno (1,2,3-cd) Pyrene*
- B3:** *Benzo (a) Anthracene, Benzo (a) Pyrene, Benzo (b) Fluoranthene, Chrysene*
- B4:** All compounds tested were under the N.Y.S.D.E.C. guidelines.
- WATER:** All compounds tested were under the N.Y.S.D.E.C. guidelines.

SECTION III: DISCUSSION OF MATERIALS TREATED OR REMOVED

C.1: Quantities and Materials Removed Off Premises

- Two (2) 4,000 gallon Diesel USTs were pumped-out and squeegee cleaned by Riteway.
- Steel scrap metal tickets for the two (2) 4,000 gallon steel tanks.
- One Drum was removed off site by Rapid Waste Disposal.

See Section IV D.4: for Pump-out Truck

See Section IV D.5: for Steel scrap yard ticket

See Section IV D.8: for Drum Manifest

SECTION IV: ATTACHMENTS

D.1: Gas Free Certificate

HDH LLC
375 Park Avenue #2503
New York, New York 10152

Site: 55-0 2nd Street
Long Island City, NY 11101

Examination of Fuel Oil Storage Tank

Capacity: 2 x 4,000 Gallon Diesel Tanks

On July 19, 2011 we examined the above-referenced tanks to determine the presence of combustible matter.

The examination was performed using a Innova ST Three-Gas Version Meter.

Readings in the tank indicated the absence of any noxious and combustible gases. Tanks are safe for entry. Adequate ventilation to be maintained at a minimum of 21% oxygen. Work to commence within twenty-four (24) hours.

Certificate No.: 180/ 2 x 4,000 55-01 2nd Street

Sincerely,



James Giustiniani
President

cc:\Projects\General 11\Gas Free\180 - 2 x 4,000 diesel 5501 2nd Street

SECTION IV: ATTACHMENTS

D.2: Affidavit of Tank Removal

12 BAY 49TH STREET, BROOKLYN, NY 11214
TEL 718.714.6898 FAX 718.714.6580 EMPIREENVIRONMENTAL.COM

FDNY, Bur. Of Fire Prevention
Bulk Fuel Safety Unit, Rm3E-78K
9 Metrotech Center
Brooklyn, NY 11201-3587

Ref: 2-12 54th Avenue
aka 54-02 2nd Street
Long Island City, NY 11101
FDNY Account #B008556

AFFIDAVIT

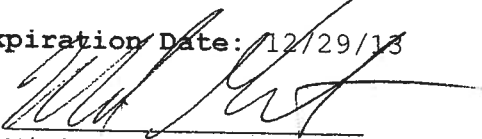
Michael Giustiniani being duly sworn, certifies that two (2) 4,000 gallon diesel motor fuel underground storage tanks located at the above referenced site address were **PERMANENTLY REMOVED** on July 21, 2011.

These tanks were used for fuel dispensing.

- Tanks were purged and cleaned.
- All lines were abandoned in place.
 - Vent Lines were abandoned in place.
 - Fill Lines were removed.
 - Suction Lines were abandoned in place.
- Fillboxes were removed.
- Tanks were disposed of in a legal manner.
- This affidavit is issued to attest the proper **Environmental Removal Procedure** in accordance with the guidelines outlined in **Section (c)/(d) of Title 3, RCNY Chapter 21-02**, and is issued by a **LICENSED New York City Fire Department Underground Tank Installer**.

Certificate of Fitness Number: 63451892

Expiration Date: 12/29/13



Michael Giustiniani

STATE OF NEW YORK
COUNTY OF KINGS

SWORN BEFORE THIS 21st DAY OF JULY, 2011.

SEAL NOTARY PUBLIC

cc:gen11/affidavits/Holterbosch 5501 2 St 2x4K diesel removal 072111/aff11

CAROL CASTANIA
Notary Public, State of New York
No. 24-4943632
Qualified in Kings County
Commission Expires October 31, 20 14

SECTION IV: ATTACHMENTS

D.3: Site Location Map for Tank Removal

GENERAL NOTES		
No.	Revision/Issue	Date
1.		
2.		

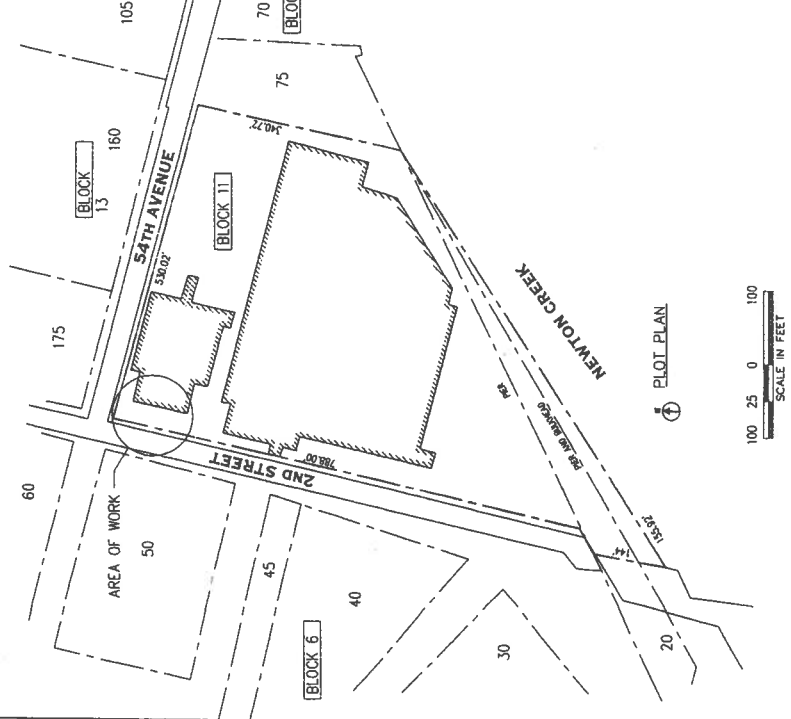
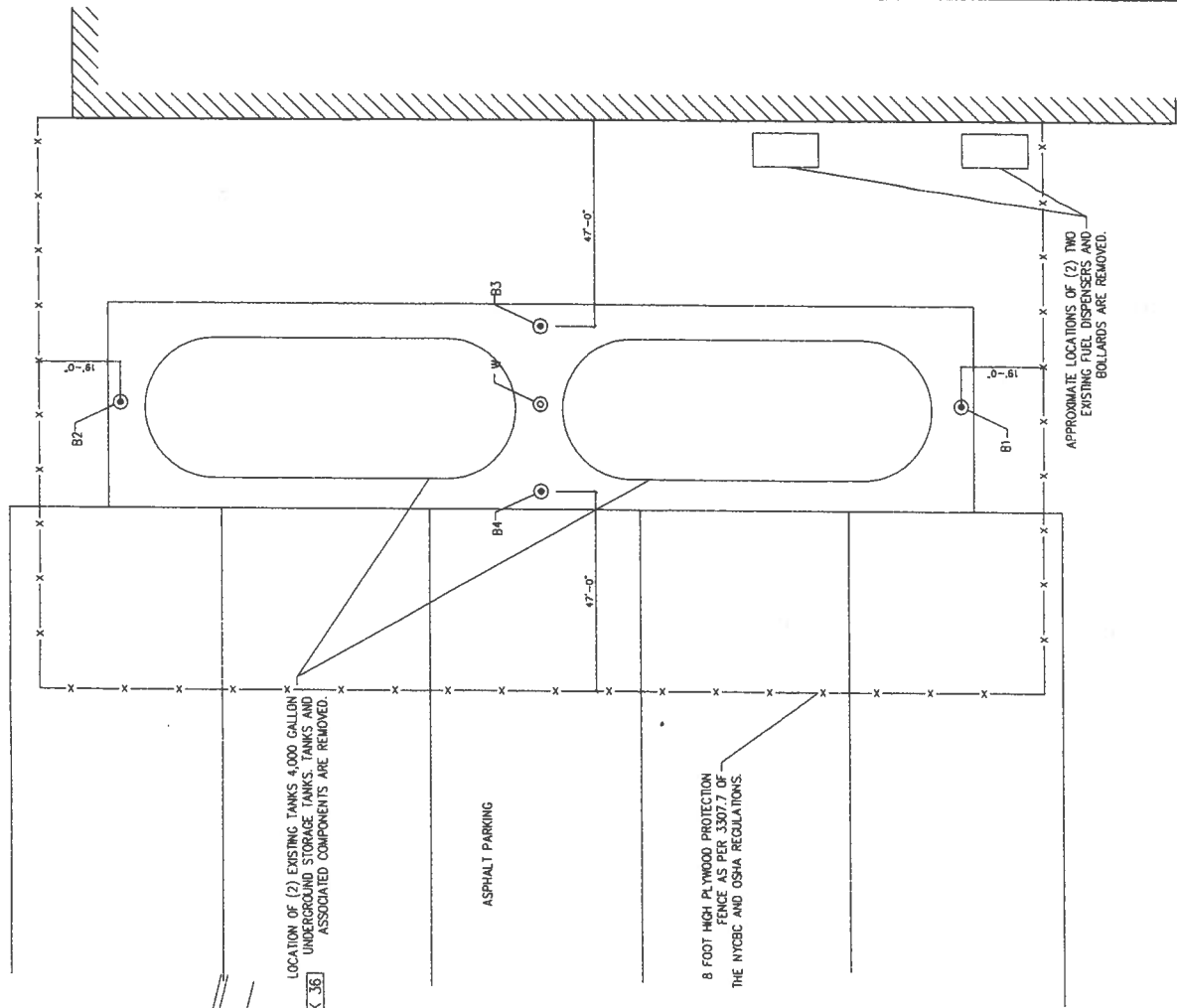
PREPARED FOR:
 EXISTING SERVICE STATION
 55-01 2ND STREET
 LONG ISLAND CITY, NY

FIRM NAME AND ADDRESS
EMPIRE ENVIRONMENTAL SERVICES
 12 Bay 49th Street
 Brooklyn, NY 11214
 Tel. (718) 714-8898
 Fax. (718) 714-8580

PROJECT DESCRIPTION:
 (2) TWO X 4 000 GALLON UNDERGROUND STORAGE TANK REMOVAL

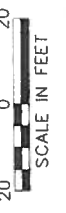
PROJECT LOCATION:
 55-01 2ND STREET
 LONG ISLAND CITY, NY

DRAWING TITLE:	
BORING SAMPLE LOCATION PLAN	
Project No.: #883	Date: 07/10/11
DWG No.: BL-001	Sheet: 1 OF 1



- LEGEND:**
- SOUTH SAMPLE LOCATION
 - B1 - NORTH SAMPLE LOCATION
 - B2 - EAST SAMPLE LOCATION
 - B3 - WEST SAMPLE LOCATION
 - B4 - WATER SAMPLE
 - W

BORING SAMPLE LOCATION PLAN



SECTION IV: ATTACHMENTS

D.4: Pump-out Truck



RITEWAY

TANK MAINTENANCE

700 Hicks Street

Brooklyn, New York 11231

(Phone) 718-855-7272 (Fax) 718-855-7244

info@petroleumtek.com

Customer TELEPHONE ENV.

Date 2/19/11

Name _____

Site Address 35-01 700 E. HIC

Address _____

Site Phone # _____

City _____ State _____ Zip _____

Site Contact _____

Contact _____

Arrival Time 3:30

Departure Time 4:30

Total Time _____

Scope:

D/C 2 - 4000 GAL DIESEL TANKS
(CUT BOTH TANKS OPEN)

BUCKET OUT 1 SKUM FROM TANK
(- CONTAMINATED DIET -)

1/2 LABEL

200 gals Water

Above Service Completed

yes no

Additional Service Needed

yes no

Service men Lucas Riley, Ben

Vehicle # 02
477
D/C

I acknowledge that the above services were completed to my satisfaction:

X 

SECTION IV: ATTACHMENTS

D.5: Steel Scrap Ticket

CERTIFICATE OF RECYCLING

Date Issued: 8/1/2011

License Holder: Witte Marine Equipment Co., Inc.
2453 Arthur Kill Road
Staten Island, NY 10309

NYC Scrap Metal Processor License #: 0901622

This certifies that Donjon Marine Co., Inc. / Donjon Recycling received two steel tanks weighing 7,000 lbs and 4,160 lbs for recycling from Empire Environmental 5501 2nd St Long Island City, NY on July 21st & 22nd, 2011, Ticket # 536505 & 536544

All scrap metal shall be destroyed and recycled in compliance with all federal, state, county and local regulations.


James Witte, Manager

Donjon Marine Co., Inc. DBA Donjon Recycling / C&M Metals Recycling, LLC is dedicated to responsible and environmentally safe operating procedures and practices through compliance with all applicable local, state and federal environmental law and regulations. Our commitment to maintaining an environmentally sound workplace is demonstrated by our adoption of industry developed comprehensive environmental operation guidelines. Donjon Recycling supports Design for Recycling, a national policy to promote the design and manufacture of goods that, at the end of their useful life, can be recycled safely and efficiently.

SECTION IV: ATTACHMENTS

D.6: Chain of Custody for Tank Removal



26 North Mall * Plainview, NY 11803
 Tel: (516) 293-2191 Fax: (516) 293-3152
 www.southmalllabs.com

CHAIN OF CUSTODY RECORD



Client: Empire Environmental	Report to:
Address: 12 Bay 49th St	
Bklyn NY 11214	Results needed by:
Tel: 718-714-6888 Fax: 718-714-6580	(Rush T/A only)

Laboratory Certification IDs: NYSDOH: 10950 NJDEP: NY006 EPA: NY01292

Sample Identification/Description/Location	Containers		Sample Information			Sample Matrix	Analysis Requested	NaOH & Ascorbic Acid						
	#	Type	Date	Time	Grab/Composite			HNO ₃	H ₂ SO ₄	HCl	None			
WATER	2	1L Amber	7/21/11	10:30AM	Grab	Water	Stags 8260 / Stags 8270							
WATER	2	40 mL Wavial	"	10:50	"	Water	"							
B1	1	602 Jar	"	10 AM	"	Soil	"							
B2	1	602 Jar	"	10:20AM	"	Soil	"							
B3	1	602 Jar	"	10:25AM	"	Soil	"							
B4	1	602 Jar	"	10:35AM	"	Soil	"							

Laboratory Comments: Notes (including P.O. #):

COLLECTED BY: Jose Munoz	PROJECT NAME / DESCRIPTION: 55-01 2nd Street LIC	DATE: 7/22/11	TIME: 10:15 AM
RELINQUISHED BY: Jose Munoz	RECEIVED BY: C. D'Arpino	DATE: 7/22/11	TIME: 10:15 AM
RELINQUISHED BY: Jose Munoz	RECEIVED BY: C. D'Arpino	DATE: 7/22/11	TIME: 10:15 AM
RELINQUISHED BY: Jose Munoz	RECEIVED BY: C. D'Arpino	DATE: 7/22/11	TIME: 10:15 AM

SECTION IV: ATTACHMENTS

D.7: Laboratory Analytical Results for Tank Removal

Empire Environmental Services
12 Bay 49th Street
Brooklyn NY, 11214

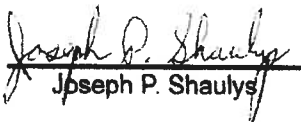
Project: 55-01 2nd Street LIC
Project Number: [none]
Project Manager: Mr. James Giustiniani

Reported:
07/29/11 07:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WATER	1107228-01	Water	07/21/11 10:50	07/22/11 15:15
B1	1107228-02	Soil	07/21/11 10:00	07/22/11 15:15
B2	1107228-03	Soil	07/21/11 10:20	07/22/11 15:15
B3	1107228-04	Soil	07/21/11 10:25	07/22/11 15:15
B4	1107228-05	Soil	07/21/11 10:35	07/22/11 15:15

Analytical Chemists Laboratory, LLC.


Joseph P. Shaulys

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Empire Environmental Services
12 Bay 49th Street
Brooklyn NY, 11214

Project: 55-01 2nd Street LIC
Project Number: [none]
Project Manager: Mr. James Giustiniani

Reported:
07/29/11 07:59

WATER
1107228-01 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
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Analytical Chemists Laboratory, LLC.

VOA MS

Benzene	<5.00	5.00	ug/L	VNS	07/27/11 15:09	SW 8260B	
sec-Butylbenzene	<5.00	5.00	"	VNS	"	"	"
n-Butylbenzene	<5.00	5.00	"	VNS	"	"	"
tert-Butylbenzene	<5.00	5.00	"	VNS	"	"	"
Ethylbenzene	<5.00	5.00	"	VNS	"	"	"
Isopropylbenzene	<5.00	5.00	"	VNS	"	"	"
4-Isopropyltoluene	<5.00	5.00	"	VNS	"	"	"
Methyl-tert-Butyl Ether	<5.00	5.00	"	VNS	"	"	"
Naphthalene	<25.0	25.0	"	VNS	"	"	"
n-Propylbenzene	<10.0	10.0	"	VNS	"	"	"
Toluene	<5.00	5.00	"	VNS	"	"	"
1,2,4-Trimethylbenzene	33.6	5.00	"	VNS	"	"	"
1,3,5-Trimethylbenzene	11.2	5.00	"	VNS	"	"	"
m,p-Xylene	<10.0	10.0	"	VNS	"	"	"
o-Xylene	5.70	5.00	"	VNS	"	"	"

SVOA MS

Acenaphthene	3.41	3.00	ug/L	VM	07/27/11 15:49	SW 8270C	
Acenaphthylene	<3.00	3.00	"	VM	"	"	"
Anthracene	<3.00	3.00	"	VM	"	"	"
Benzo (a) anthracene	<3.00	3.00	"	VM	"	"	"
Benzo (a) pyrene	<3.00	3.00	"	VM	"	"	"
Benzo (b) fluoranthene	<3.00	3.00	"	VM	"	"	"
Benzo (g,h,i) perylene	<3.00	3.00	"	VM	"	"	"
Benzo (k) fluoranthene	<3.00	3.00	"	VM	"	"	"
Chrysene	<3.00	3.00	"	VM	"	"	"
Dibenz (a,h) anthracene	<3.00	3.00	"	VM	"	"	"
Fluoranthene	<3.00	3.00	"	VM	"	"	"
Fluorene	6.14	3.00	"	VM	"	"	"
Indeno (1,2,3-cd) pyrene	<2.00	2.00	"	VM	"	"	"
Phenanthrene	11.2	3.00	"	VM	"	"	"
Pyrene	<3.00	3.00	"	VM	"	"	"

Analytical Chemists Laboratory, LLC.

Joseph P. Shaulys
Joseph P. Shaulys

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Empire Environmental Services
12 Bay 49th Street
Brooklyn NY, 11214

Project: 55-01 2nd Street LIC
Project Number: [none]
Project Manager: Mr. James Giustiniani

Reported:
07/29/11 07:59

B1

1107228-02 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
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Analytical Chemists Laboratory, LLC.

VOA MS

Benzene	<1.14	1.14	ug/kg dry	VNS	07/27/11 16:43	SW 8260B	
sec-Butylbenzene	<1.14	1.14	"	VNS	"	"	
n-Butylbenzene	<1.14	1.14	"	VNS	"	"	
tert-Butylbenzene	<1.14	1.14	"	VNS	"	"	
Ethylbenzene	<1.14	1.14	"	VNS	"	"	
Isopropylbenzene	<2.28	2.28	"	VNS	"	"	
4-Isopropyltoluene	<1.14	1.14	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.14	1.14	"	VNS	"	"	
Naphthalene	<5.69	5.69	"	VNS	"	"	
n-Propylbenzene	<2.28	2.28	"	VNS	"	"	
Toluene	<1.14	1.14	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.14	1.14	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.28	2.28	"	VNS	"	"	
m,p-Xylene	<2.28	2.28	"	VNS	"	"	
o-Xylene	<1.14	1.14	"	VNS	"	"	

SVOA MS

Acenaphthene	<569	569	ug/kg dry	VM	07/27/11 18:38	SW 8270C	
Acenaphthylene	<569	569	"	VM	"	"	
Anthracene	<569	569	"	VM	"	"	
Benzo (a) anthracene	1560	569	"	VM	"	"	
Benzo (a) pyrene	1850	569	"	VM	"	"	
Benzo (b) fluoranthene	2060	569	"	VM	"	"	
Benzo (g,h,i) perylene	1130	569	"	VM	"	"	
Benzo (k) fluoranthene	873	569	"	VM	"	"	
Chrysene	1570	569	"	VM	"	"	
Dibenz (a,h) anthracene	<569	569	"	VM	"	"	
Fluoranthene	2590	569	"	VM	"	"	
Fluorene	<569	569	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	1010	569	"	VM	"	"	
Phenanthrene	1040	569	"	VM	"	"	
Pyrene	2780	569	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

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Empire Environmental Services 12 Bay 49th Street Brooklyn NY, 11214	Project: 55-01 2nd Street LIC Project Number: [none] Project Manager: Mr. James Giustiniani	Reported: 07/29/11 07:59
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B2
1107228-03 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
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Analytical Chemists Laboratory, LLC.

VOA MS

Benzene	<1.16	1.16	ug/kg dry	VNS	07/27/11 18:32	SW 8260B	
sec-Butylbenzene	<1.16	1.16	"	VNS	"	"	
n-Butylbenzene	<1.16	1.16	"	VNS	"	"	
tert-Butylbenzene	<1.16	1.16	"	VNS	"	"	
Ethylbenzene	<1.16	1.16	"	VNS	"	"	
Isopropylbenzene	<2.32	2.32	"	VNS	"	"	
4-Isopropyltoluene	<1.16	1.16	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.16	1.16	"	VNS	"	"	
Naphthalene	<5.80	5.80	"	VNS	"	"	
n-Propylbenzene	<2.32	2.32	"	VNS	"	"	
Toluene	<1.16	1.16	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.16	1.16	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.32	2.32	"	VNS	"	"	
o-Xylene	<1.16	1.16	"	VNS	"	"	
m,p-Xylene	<2.32	2.32	"	VNS	"	"	

SVOA MS

Acenaphthene	<2320	2320	ug/kg dry	VM	07/27/11 20:02	SW 8270C	
Acenaphthylene	<2320	2320	"	VM	"	"	
Anthracene	7550	2320	"	VM	"	"	
Benzo (a) anthracene	17900	2320	"	VM	"	"	
Benzo (a) pyrene	15700	2320	"	VM	"	"	
Benzo (b) fluoranthene	17500	2320	"	VM	"	"	
Benzo (g,h,i) perylene	7830	2320	"	VM	"	"	
Benzo (k) fluoranthene	7500	2320	"	VM	"	"	
Chrysene	16500	2320	"	VM	"	"	
Dibenz (a,h) anthracene	<2320	2320	"	VM	"	"	
Fluoranthene	33200	2320	"	VM	"	"	
Fluorene	<2320	2320	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	7840	2320	"	VM	"	"	
Phenanthrene	26600	2320	"	VM	"	"	
Pyrene	35800	2320	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Joseph P. Shaulys
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Empire Environmental Services
12 Bay 49th Street
Brooklyn NY, 11214

Project: 55-01 2nd Street LIC
Project Number: [none]
Project Manager: Mr. James Giustiniani

Reported:
07/29/11 07:59

B3

1107228-04 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
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Analytical Chemists Laboratory, LLC.

VOA MS

Benzene	<1.15	1.15	ug/kg dry	VNS	07/27/11 19:09	SW 8260B	
sec-Butylbenzene	<1.15	1.15	"	VNS	"	"	
n-Butylbenzene	<1.15	1.15	"	VNS	"	"	
tert-Butylbenzene	<1.15	1.15	"	VNS	"	"	
Ethylbenzene	<1.15	1.15	"	VNS	"	"	
Isopropylbenzene	<2.30	2.30	"	VNS	"	"	
4-Isopropyltoluene	<1.15	1.15	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.15	1.15	"	VNS	"	"	
Naphthalene	<5.75	5.75	"	VNS	"	"	
n-Propylbenzene	<2.30	2.30	"	VNS	"	"	
Toluene	<1.15	1.15	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.15	1.15	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.30	2.30	"	VNS	"	"	
m,p-Xylene	<2.30	2.30	"	VNS	"	"	
o-Xylene	<1.15	1.15	"	VNS	"	"	

SVOA MS

Acenaphthene	<575	575	ug/kg dry	VM	07/27/11 17:56	SW 8270C	
Acenaphthylene	<575	575	"	VM	"	"	
Anthracene	<575	575	"	VM	"	"	
Benzo (a) anthracene	776	575	"	VM	"	"	
Benzo (a) pyrene	907	575	"	VM	"	"	
Benzo (b) fluoranthene	874	575	"	VM	"	"	
Benzo (g,h,i) perylene	575	575	"	VM	"	"	
Benzo (k) fluoranthene	<575	575	"	VM	"	"	
Chrysene	808	575	"	VM	"	"	
Dibenz (a,h) anthracene	<575	575	"	VM	"	"	
Fluoranthene	1420	575	"	VM	"	"	
Fluorene	<575	575	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<575	575	"	VM	"	"	
Phenanthrene	683	575	"	VM	"	"	
Pyrene	1420	575	"	VM	"	"	

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Empire Environmental Services 12 Bay 49th Street Brooklyn NY, 11214	Project: 55-01 2nd Street LIC Project Number: [none] Project Manager: Mr. James Giustiniani	Reported: 07/29/11 07:59
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B4
1107228-05 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
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VOA MS

Benzene	<1.13	1.13	ug/kg dry	VNS	07/27/11 19:49	SW 8260B	
sec-Butylbenzene	<1.13	1.13	"	VNS	"	"	
n-Butylbenzene	<1.13	1.13	"	VNS	"	"	
tert-Butylbenzene	<1.13	1.13	"	VNS	"	"	
Ethylbenzene	<1.13	1.13	"	VNS	"	"	
Isopropylbenzene	<2.26	2.26	"	VNS	"	"	
4-Isopropyltoluene	<1.13	1.13	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.13	1.13	"	VNS	"	"	
Naphthalene	<5.65	5.65	"	VNS	"	"	
n-Propylbenzene	<2.26	2.26	"	VNS	"	"	
Toluene	<1.13	1.13	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.13	1.13	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.26	2.26	"	VNS	"	"	
m,p-Xylene	<2.26	2.26	"	VNS	"	"	
o-Xylene	<1.13	1.13	"	VNS	"	"	

SVOA MS

Acenaphthene	<1130	1130	ug/kg dry	VM	07/27/11 19:20	SW 8270C	
Acenaphthylene	<1130	1130	"	VM	"	"	
Anthracene	<1130	1130	"	VM	"	"	
Benzo (a) anthracene	<1130	1130	"	VM	"	"	
Benzo (a) pyrene	<1130	1130	"	VM	"	"	
Benzo (b) fluoranthene	<1130	1130	"	VM	"	"	
Benzo (g,h,i) perylene	<1130	1130	"	VM	"	"	
Benzo (k) fluoranthene	<1130	1130	"	VM	"	"	
Chrysene	<1130	1130	"	VM	"	"	
Dibenz (a,h) anthracene	<1130	1130	"	VM	"	"	
Fluoranthene	1770	1130	"	VM	"	"	
Fluorene	<1130	1130	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<1130	1130	"	VM	"	"	
Phenanthrene	<1130	1130	"	VM	"	"	
Pyrene	1840	1130	"	VM	"	"	

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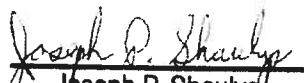
Project: 55-01 2nd Street LIC
Project Number: [none]
Project Manager: Mr. James Giustiniani

Reported:
07/29/11 07:59

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- SM Standard Methods for the Examination of Water and Wastewater, 18th edition.
- EPA 40 Code of Federal Regulations, Part 136, October 26, 1984.
- SW SW 846 3rd Edition.
- LT Lachat Method Manual, "Methods List for Automated Ion Analyzers", February 2004.
- dry Sample results reported on a dry weight basis.

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TABLE A

Hans Holterbosch
 55-01 2nd Street
 Long Island City, New York 11101

Sample Location	B1	B2	B3	B4	TAGM 4046 Guidance Values
Depth Interval(ft)					
Date Sampled	7/21/2011	7/21/2011	7/21/2011	7/21/2011	
Compound					
VOCs					
Methyl tert-butyl Ether (MTBE)	<1.14	<1.16	<1.15	<1.13	120
Benzene	<1.14	<1.16	<1.15	<1.13	60
Ethylbenzene	<1.14	<1.16	<1.15	<1.13	5500
Toluene	<1.14	<1.16	<1.15	<1.13	1500
o- Xylene	<1.14	<1.16	<1.15	<1.13	1200
m,p-Xylene	<2.28	<2.32	<2.30	<2.26	1200
Isopropylbenzene	<2.28	<2.32	<2.30	<2.26	2300
n-Propylbenzene	<2.28	<2.32	<2.30	<2.26	3700
4-Isopropyltoluene	<1.14	<1.16	<1.15	<1.13	10000
tert-Butylbenzene	<1.14	<1.16	<1.15	<1.13	10000
1,2,4-Trimethylbenzene	<1.14	<1.16	<1.15	<1.13	10000
1,3,5-Trimethylbenzene	<2.28	<2.32	<2.30	<2.26	3300
sec-Butylbenzene	<1.14	<1.16	<1.15	<1.13	10000
Naphthalene	<5.69	<5.80	<5.75	<5.65	13000
n-Butylbenzene	<1.14	<1.16	<1.15	<1.13	10000
Total VOCs					
SVOCs					
	7/21/2011	7/21/2011	7/21/2011	7/21/2011	
Acenaphthylene	<569	<2320	<575	<1130	50000
Acenaphthene	<569	<2320	<575	<1130	50000
Anthracene	<569	7550	<575	<1130	50000
Benzo(a)anthracene	1560	17900	776	<1130	224
Benzo(a)Pyrene	1850	15700	907	<1130	61
Benzo(b)Fluoranthene	2060	17500	874	<1130	61
Benzo(k)Fluoranthene	873	7500	<575	<1130	610
Chrysene	1570	16500	808	<1130	400
Dibenzo(a,h)anthracene	<569	<2320	<575	<1130	14.3
Fluoranthene	2590	33200	1420	1770	50000
Fluorene	<569	<2320	<575	<1130	50000
Phenanthrene	1040	26600	683	<1130	50000
Pyrene	2780	35800	1420	1840	50000
Benzo(g,h,i)perylene	1130	7830	575	<1130	50000
Indeno(1,2,3-cd)pyrene	1010	7840	<575	<1130	3200
Total SVOCs					

TABLE A

Hans Holterbosch
 55-01 2nd Street
 Long Island City, New York 11101

Sample Location	Water	TAGM 4046 Guidance Values
Depth Interval(ft)		
Date Sampled	7/21/2011	
Compound		
VOCs		
Methyl tert-butyl Ether (MTBE)	<5.00	10
Benzene	<5.00	1
Ethylbenzene	<5.00	5
Toluene	<5.00	5
o- Xylene	5.70	5
m,p-Xylene	<10.0	5
Isopropylbenzene	<5.00	5
n-Propylbenzene	<10.0	5
tert-Butylbenzene	<5.00	5
1,2,4-Trimethylbenzene	33.6	5
1,3,5-Trimethylbenzene	11.2	5
sec-Butylbenzene	<5.00	5
n-Butylbenzene	<5.00	5
Total VOCs		
SVOCs		
	7/21/2011	
Acenaphthene	3.41	20
Anthracene	<3.00	50
Benzo(a)anthracene	<3.00	0.002
Benzo(a)Pyrene	<3.00	0.002
Benzo(b)Fluoranthene	<3.00	0.002
Benzo(k)Fluoranthene	<3.00	0.002
Chrysene	<3.00	0.002
Dibenzo(a,h)anthracene	<3.00	50
Fluoranthene	<3.00	50
Fluorene	6.14	50
Phenanthrene	11.2	50
Pyrene	<3.00	50
Benzo(g,h,l)perylene	<3.00	0.002
Indeno(1,2,3-cd)pyrene	<2.00	0.002
Total SVOCs		

SECTION IV: ATTACHMENTS

D.8: Drum Manifest

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. 26523	2. Page 1 of
3. Generator's Name and Mailing Address 56-01 2nd Street LIC, NY					
4. Generator's Phone					
5. Transporter 1 Company Name Rapid Waste Disposal, Inc		6. US EPA ID Number NYR000076141		A. State Transporter's ID 1A-615	B. Transporter 1 Phone (516) 796-3093
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 EWT Route 109 Farmingdale, NY 11735		10. US EPA ID Number		E. State Facility's ID	
11. WASTE DESCRIPTION		Containers		13. Total Quantity	
		No. Type		14. Unit Wt./Vol	
a. Diesel/WATER		1 DM		55 G	
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information * In case of Emergency call (516) 796-3093 24 HRS *					
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.					
Printed/Typed Name Fred J. Latapano (As Agent for)		Signature <i>[Signature]</i>		Date 07/28/11	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name MICHAEL WALSH		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
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	

NON-HAZARDOUS WASTE GENERATOR



SECTION IV: ATTACHMENTS

D.9: Pictures

