

April 25, 2011

Mr. Brian Davidson
New York State Department of Environmental Conservation
Remedial Bureau B
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7016

**Re: Site Status Update Report
November 2010 to January 2011**
Former Pratt Oil Works
Long Island City, New York
Consent Order Case No. D2-1002-12-07AM
Document Tracking No. S241115

Dear Mr. Davidson:

ExxonMobil Oil Corporation ("ExxonMobil") is submitting for your review and comment the enclosed Site Status Update Report for the subject site for the period of November 2010 through January 2011. One hard copy and an electronic copy are provided pursuant to Section VIII of the Consent Order (D2-1002-12-07AM) executed between ExxonMobil and New York State Department of Environmental Conservation (NYSDEC) and a letter from NYSDEC dated June 2, 2010. This report has been prepared on behalf of ExxonMobil by Kleinfelder East, Inc. of Bohemia, New York ("Kleinfelder").

Please do not hesitate to contact me at (718) 404-0652 if you have any questions.

Very truly yours,



Steve Trifiletti
Project Manager

Enclosure

Via FEDEX Overnight

cc: S. Caruso (NYSDEC – electronic copy only)
L. Forte (A&L Cesspool Ser./Co. – hard copy only)
J. Kaplan (Waste Management of New York LLC – electronic and hard copy)
K. Lumpe (Steel Equities – hard copy only)
N. Sherman (HP Sherman Co. Inc. – hard copy only)
G. Werwaiss (Werwaiss Realty co. – hard copy only)
J. Wolf (Kleinfelder)



DELIVERED VIA OVERNIGHT CARRIER

April 25, 2011

Mr. Steve P. Trifiletti
ExxonMobil Environmental Services Company
Global Remediation – Major Projects
38 Varick Street
Brooklyn, New York 11222

**Re: Site Status Update Report
November 2010 to January 2011**
Former Pratt Oil Works (Project Area)
The Inland Project Area (Tract I)
The Waterfront Project Area (Tract II)
Long Island City, New York 11101
NYSDEC Case No. 07-07418 (Parcel A)
NYSDEC Case No. 08-13060 (Parcel B)
NYSDEC Case No. 07-07417 (Parcel C)
NYSDEC Case No. 09-04539 (Parcel D)
NYSDEC Case No. 09-03356 (Parcel E)
NYSDEC Case No. 09-03488 (Parcel G)
NYSDEC Case No. 09-03616 (Parcel H)
NYSDEC Case No. 09-03287 (Parcel I)
Consent Order Case No. D2-1002-12-07AM
NYSDEC Remedial Tracking No. S241115

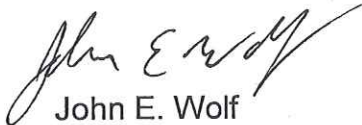
Dear Mr. Trifiletti:

Enclosed please find a Site Status Update Report (SSUR) prepared by Kleinfelder East, Inc. (Kleinfelder) on behalf of ExxonMobil Environmental Services Company (ExxonMobil) for the Inland and Waterfront Project Areas listed above, which compose Tract I and II (further referred to as the Inland and Waterfront Project Areas, respectively) of the Former Pratt Oil Works (FPOW), further referred to as the Project Area. This SSUR documents the methods and results of a quarterly groundwater sampling event and interim remedial measures (IRM) conducted at the Project Area for the period of November 2010 to January 2011.

Based on the information included in the SSUR, continued quarterly monitoring and sampling of the monitoring well network and continued weekly LNAPL recovery are proposed.

If you have questions or comments, please contact the undersigned at (631) 218-0612.

Very truly yours,
Kleinfelder East, Inc.



John E. Wolf
Senior Project Manager



Scott E. Strom
Environmental Scientist

Enclosure

Copy: File (16)

SITE STATUS UPDATE REPORT

November 2010 through January 2011

Former Pratt Oil Works (Project Area)

The Inland Project Area (Tract I)

The Waterfront Project Area (Tract II)

Parcel A - 38-30, 38-50 and 38-80 Newtown Creek, and 38-40 Railroad Avenue

Parcel B - 38-42 and 39-14 Review Avenue

Parcel C - 38-70 Review Avenue

Parcel D - 38-84 Railroad Avenue

Parcel E - 38-50 Review Avenue and 38-54 Railroad Avenue

Parcel F - 38-98 Review Avenue

Parcel G - 38-78 Review Avenue

Parcel H - 39-30 Review Avenue

Parcel I - 38-20 Review Avenue

Parcel J - 37-88 Review Avenue

Parcel K - 38-60 Review Avenue

Long Island City, New York

NYSDEC Case No. 07-07418 (Parcel A)

NYSDEC Case No. 08-13060 (Parcel B)

NYSDEC Case No. 07-07417 (Parcel C)

NYSDEC Case No. 09-04539 (Parcel D)

NYSDEC Case No. 09-03356 (Parcel E)

NYSDEC Case No. 09-03488 (Parcel G)

NYSDEC Case No. 09-03616 (Parcel H)

NYSDEC Case No. 09-03287 (Parcel I)

Consent Order Case No. D2-1002-12-07AM

NYSDEC Remedial Tracking No. S241115

April 25, 2011

Prepared by:

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Prepared for:

ExxonMobil Environmental
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SITE STATUS UPDATE REPORT

November 2010 through January 2011

Former Pratt Oil Works (Project Area)
The Inland Project Area (Tract I)
The Waterfront Project Area (Tract II)
Long Island City, New York

ENGINEERING CERTIFICATION

This SSUR has been reviewed by Kleinfelder Engineering, P.C. for accuracy, content and quality of presentation. The Education Law of the State of New York prohibits any person from altering anything in the report in anyway unless it is under the direction of the licensed professional engineer. Where such alterations are made, the professional engineer must sign, seal, date and describe the full extent of the alteration (NYS Education Law Section 7209-2).



Justin R. Moses, P.E.
Vice President and Secretary
Kleinfelder Engineering, P.C.

4/25/11 Date

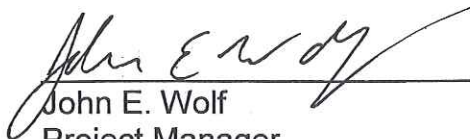
SITE STATUS UPDATE REPORT

November 2010 through January 2011

Former Pratt Oil Works (Project Area)
The Inland Project Area (Tract I)
The Waterfront Project Area (Tract II)
Long Island City, New York

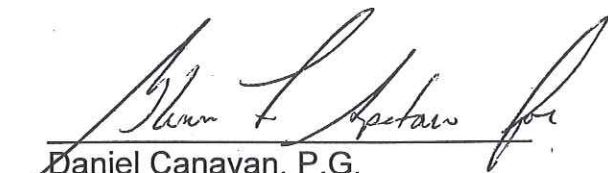
QUALITY ASSURANCE/QUALITY CONTROL

The following personnel have reviewed this SSUR for accuracy, content, and quality of presentation:



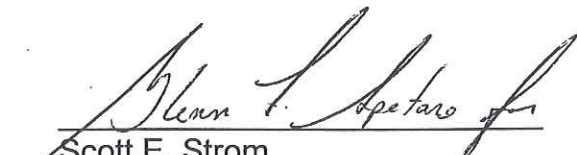
John E. Wolf
Project Manager

4/25/11
Date



Daniel Canavan, P.G.
Project Hydrogeologist

4-25-11
Date



Scott E. Strom
Environmental Scientist

4-25-11
Date

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LIST OF ACRONYMS

µg/L	-	micrograms per liter
ASP	-	analytical services protocol
ASTM	-	American Society for Testing and Materials
BDL	-	below instrument detection limit
BRL	-	below laboratory reporting limits
CAP	-	Corrective Action Plan
CO	-	carbon monoxide
DO	-	dissolved oxygen
DSNY	-	New York City Department of Sanitation
DTB	-	depth to bottom
DTW	-	depth to water
EIP	-	electronic interface probe
ELAP	-	Environmental Laboratory Approval Program
eV	-	electron Volt
Fbg	-	feet below grade
ft	-	feet
ft/d	-	feet per day
ft/ft	-	feet per foot
ft-msl	-	feet above mean sea level
FPOW	-	Former Pratt Oil Works
IDW	-	investigation-derived wastes
IRM	-	Interim Remedial Measures
LIRR	-	Long Island Railroad
LNAPL	-	light non-aqueous phase liquid
MS	-	Matrix spike
MSD	-	Matrix spike duplicate
msl	-	mean sea level
mS/cm	-	milliSiemens per centimeter
MTBE	-	Methyl tertiary-butyl ether
mV	-	millivolts

LIST OF ACRONYMS

NAPL	-	non-aqueous phase liquid
NTU	-	Nephelometric Turbidity Units
NYSDEC	-	New York State Department of Conservation
ORP	-	oxidation reduction potential
PID	-	photoionization detector
PPE	-	personal protective equipment
ppm _v	-	parts per million by volume
ppt	-	part per thousand
PVC	-	polyvinyl chloride
SSUR	-	Site Status Update Report
su	-	standard unit
SVOCs	-	semi-volatile organic compounds
TAL	-	Target Analyte List
TCL	-	Target Compound List
TOC	-	top of casing
TOGS	-	Technical and Operational Guidance Series
USDOT	-	United States Department of Transportation
USEPA	-	United States Environmental Protection Agency
VOCs	-	volatile organic compounds
WMNY	-	Waste Management of New York
WQS	-	water quality standards

1.0 INTRODUCTION

ExxonMobil Environmental Services Company (ExxonMobil), on behalf of ExxonMobil Oil Corporation, contracted Kleinfelder East, Inc. (Kleinfelder) to conduct monitoring and sampling and interim remedial measures (IRMs) at the Inland Project Area and Waterfront Project Area, which compose Tract I and II, respectively of the Former Pratt Oil Works (Project Area) in Long Island City, New York. The purpose of the monitoring and sampling event was an effort to monitor hydraulic characteristics (flow and gradient) and groundwater quality and IRMs to recover light non-aqueous phase liquid (LNAPL) from beneath the Project Area, if present, for the period from November 2010 to January 2011. 21 of 23 monitoring points were gauged and eight monitoring points were sampled from January 10 to 13, 2011. This *Site Status Update Report* (SSUR) documents the methods and results of the quarterly groundwater sampling event and IRMs conducted.

Monitoring wells MW-11 and MW-12 were destroyed during bulkhead replacement activities initiated in January 2010 and, therefore, were not gauged or sampled. The wells were replaced on March 14 and 15, 2011. Monitoring well MW-3 was not gauged because the LNAPL in the well was too viscous on January 11, 2011. Monitoring well MW-18 could not be located due to snow cover on January 11, 2011.

The parcels that constitute the Project Area have changed ownership over the years. The addresses of the parcels, as well as current property owners, are listed in the following table:

Inland Project Area

Parcel	Address	Current owner
Parcel A	38-40 Railroad Avenue	Waste Management of New York
Parcel C	38-70 Review Avenue	Keane Realty LLC
Parcel D	38-84 Railroad Avenue	Review Avenue, LLC
Parcel E	38-50 Review Avenue, 38-54 Railroad Avenue	HP Sherman Co. Inc.
Parcel F	38-98 Review Avenue	DG Properties LLC
Parcel G	38-78 Review Avenue	Werwaiss Realty Co.
Parcel H	39-30 Review Avenue	Pepatoba Corp.
Parcel I	38-20 Review Avenue	Review Associates
Parcel J	37-88 Review Avenue	Up From the Ashes, Inc.
Parcel K	38-60 Review Avenue	Renari LLC

Waterfront Project Area

Parcel	Address	Current owner
Parcel A	38-80, 38-50, 38-30 Newtown Creek	Waste Management of New York
Parcel B	38-42, 39-14 Review Avenue	Apollo Steel

2.0 SITE DESCRIPTION

The following subsections discuss: (1) the Project Area description; (2) historic and current property uses; and (3) geology.

2.1 Site Description

The Project Area is a former wax refinery that operated until approximately 1949. The Project Area is currently an approximately 18.51 acre commercial/industrial area located within the United States Geological Survey (USGS) 7.5-Minute Topographic Map, Brooklyn, New York, Quadrangle (USGS, 1979). The Project Area is approximately 10 to 25 feet (ft) above mean sea level (msl). The topography and elevation of the Project Area is illustrated on the Locus Plan provided on Figure 1. Pertinent site features including, but not limited to, block and lot, parcel identification, property boundaries, Long Island Rail Road (LIRR) train tracks, current buildings, structure layouts and monitoring well locations are illustrated on Figures 2 and 3.

2.2 Current Property Use

The Project Area has been subdivided into 16-lots of Block 312. Properties north of the LIRR comprise the Inland Project Area (Tract I) and south of the LIRR comprise the Waterfront Project Area (Tract II). Each tract is further subdivided into parcels (Parcels A through K) based on property ownership. Current uses of properties within the Project Area include, but are not limited to, the following: New York City Department of Sanitation (DSNY) waste transfer station; warehouse and/or office space; vehicle storage; restaurant oil and grease recovery and recycling; cesspool services; valve manufacturing; lumber and building materials distributors; commercial refrigeration supply distributor; cleaning and maintenance products manufacturing; and wholesale beverage distributor.

2.3 Site Geology

The geology observed in soil samples collected from the Project Area is generally heterogeneous. The deposits observed in soil samples beneath the Inland Project Area are predominantly composed of sand of unknown thickness, observed to the maximum depth of investigation (25 to 37 feet below grade [fbg]). Sporadic lenses of silt, gravel and cobbles were additionally observed.

Heterogeneity of the subsurface deposits observed in samples increases from the center of the southern Inland Project Area towards Newtown Creek. Layers of urban fill containing coal ash were observed in shallow soil samples (1 to 18 fbg). A deposit of peat/organic silt, ranging in thickness from less than 1 foot to 4 ft, was observed in samples beneath the fill material throughout the northern section of Waterfront Parcel A and onto the western section of Parcel B. A silt layer is present in the south central portion of the Inland Project Area (MW-15), extending to the southwestern portion of the Waterfront Project Area. The silt layer ranges from 2 to 5 ft thick. A sand deposit of unknown thickness underlies the silt layer. On the northern portion of Waterfront Parcel B, the sand deposit is located immediately beneath the fill material in areas where the peat/organic silt are not present.

3.0 METHODS

The following subsections describe the methods of the quarterly activities performed at the Project Area from November 2010 to January 2011.

3.1 Equipment Decontamination

During the groundwater monitoring and sampling and IRM activities, groundwater sampling equipment including, but not limited to, electronic interface probes (EIP), flow through cells, pumps and hand tools were decontaminated using an Alconox® cleaning solution, followed by a potable water rinse and a deionized water rinse between groundwater samples. Rinseate collected from the decontamination activities was transferred using 5-gallon buckets to United States Department of Environmental Transportation (USDOT) rated 55-gallon drums. The drums were stored and managed as described in Section 4.0, pending characterization and disposal.

3.2 Interim Remedial Measures

LNAPL that was characterized and approved for recycling by a recycling facility was recovered using a submersible pump and/or manual methods (bailers, sorbent). Subject to limitations based upon (1) LNAPL thickness present in the monitoring well and (2) issues of access to the well, LNAPL, if present, was recovered from monitoring wells MW-2, MW-4S, MW-5, MW-6, MW-9, MW-14, MW-17, MW-19, MW-22, MW-23 and MW-24; LNAPL may not have been recovered to allow for additional LNAPL recharge or due to access limitations. No LNAPL recovery was conducted at this time from MW-3 and MW-7 because the LNAPL is classified as hazardous based on waste classification sampling. An EPA hazardous waste ID has been generated and LNAPL recovery from these wells are currently pending permit approval of an IRM system and fenced drum storage area. LNAPL recovery was conducted on an approximately weekly basis from December 29, 2009 to January 25, 2011. Prior to LNAPL recovery, the depth to LNAPL and depth to groundwater (DTW) was measured within the monitoring wells using an EIP. If present, and if not limited, as provided for above, by

access and/or recharge issues, LNAPL was recovered temporarily into a 5-gallon container using a Clean Earth Technology, Spill Buddy™ pump and then transferred to grounded and vented USDOT approved 55-gallon steel drums staged on spill containment pallets and covered with plastic sheeting, pending off-site disposal. Disposable bailers, adsorbent pads, and PPE used during LNAPL recovery were additionally stored in separate USDOT approved, 55-gallon steel drums, pending disposal.

3.3 Groundwater Gauging and Sampling

The following subsections describe the groundwater gauging and sampling methods implemented at the Project Area.

3.3.1 Groundwater Gauging

The groundwater monitoring well network was gauged on January 11, 2011, one day before a low neap tide. Gauging was initially scheduled for January 12, 2011, but rescheduled for the 11th, due to anticipated inclement weather. Gauging during low neap tide was preferred in an effort to minimize tidal fluctuation influence on the gauging data. Neap tides are tides with lower than average tidal fluctuation with longer slack water times. Neap tides occur when the moon is at first or third quarter. The depth to LNAPL, if present, and DTW in the monitoring wells were measured using a decontaminated EIP.

Groundwater gauging data were subtracted from the monitoring well top of casing (TOC) elevation to calculate the groundwater elevation relative to MSL. For monitoring wells with measurable LNAPL, the groundwater elevation was corrected for LNAPL displacement by adding the LNAPL thickness multiplied by the LNAPL specific gravity to the groundwater elevation.

3.3.2 Groundwater Sampling

Groundwater samples were collected from monitoring wells without detections of LNAPL, including MW-1, MW-4D, MW-8, MW-10, MW-13, MW-15, MW-20, and MW-21 from January 10 to 13, 2011.

For groundwater samples collected without detections of LNAPL, low flow groundwater sampling was conducted. Groundwater was purged and sampled using a peristaltic pump equipped with 1/4-inch diameter polyethylene tubing and a Horiba® flow-through cell water quality meter. The groundwater sample flow rate was maintained at or below approximately 0.5 liters per minute in an effort to minimize groundwater drawdown to no greater than 0.33 ft during pumping. The following water quality parameters were recorded every three to five minutes on a low-flow groundwater sampling record to monitor groundwater stabilization:

- Flow rate;
- Purge volume;
- pH recorded in su;
- Temperature recorded in degrees Celsius (°C);
- Conductivity recorded in milliSiemens per centimeter (mS/cm);
- Oxidation reduction potential (ORP) recorded in millivolts (mV);
- Dissolved oxygen (DO) recorded in milligrams per liter (mg/L);
- Turbidity recorded in Nephelometric Turbidity Units (NTU); and
- Salinity recorded in parts per thousand (ppt).

Groundwater samples were collected after stabilization of groundwater quality parameters was observed. Stabilization was achieved after three consecutive readings within:

- 0.1 pH,
- 3% temperature,
- 3% conductivity,
- 10 mV for ORP, and
- 10% for DO and turbidity.

Groundwater samples were collected in laboratory-supplied bottleware. If the turbidity of a groundwater sample measured greater than 50 NTU, then a field-filtered and unfiltered sample were collected for metals analysis. Groundwater sample containers were labeled, logged, placed in coolers, preserved with ice, and transported under chain-of-custody procedures via Federal Express or laboratory courier to the laboratory. Laboratory analysis was conducted by Accutest Laboratories located in Dayton, New Jersey (Accutest), a New York State Department of Health (NYSDOH)-approved laboratory (Environmental Laboratory Approval Program [ELAP] No. 10983).

Purge water was containerized in USDOT approved 55-gallon steel drums, pending characterization and disposal. In addition, PPE, tubing and other disposable groundwater sampling materials were containerized in separate USDOT approved 55-gallon steel drums, pending disposal.

3.3.3 Groundwater Sample Analysis

Laboratory analysis was conducted in accordance with United States Environmental Protection Agency (USEPA) SW-846 methods and submitted under NYSDEC Analytical Services Protocol (ASP) Category B data deliverables. The groundwater samples were submitted for laboratory analysis as follows:

- Target Compound List (TCL) volatile organic compounds (VOCs) in accordance with USEPA Method 8260B;
- TCL semivolatile organic compounds (SVOCs) in accordance with USEPA Method 8270C;
- Target Analyte List (TAL) metals, including cyanide, in accordance with USEPA Methods 6010B, 7470A and 335.4.

A summary of laboratory samples and analyses is provided as Table 1.

4.0 WASTE MANAGEMENT

Investigation-derived waste (IDW) generated during the monitoring and sampling and IRM activities were containerized in labeled, 55-gallon, USDOT-approved drums, pending disposal. Plastic sheeting, used adsorbent pads, and disposable bailers were consolidated into one, open-top, 55-gallon, steel, USDOT-approved drum. Fluids generated from decontamination and groundwater sampling were placed in two, 55-gallon, steel, USDOT-approved fluid drums with closed tops. One drum of purge water generated from Parcel A was stored on Parcel A prior to disposal. One drum of purge water and one drum of PPE generated from the remaining parcels were stored on Parcel B prior to disposal. A drum inventory was maintained documenting the number of drums stored, the contents of the drums, and drum identification information.

One drum of water generated from Parcel B was transported and disposed of by LORCO Petroleum Services Inc. (LORCO) of Elizabeth, New Jersey on December 7, 2010. The one drum of groundwater from Parcel A and one drum of PPE from Parcel B were transported to CWM Chemical Services L.L.C., located at 1550 Balmer Road in Model City, New York on March 1, 2011.

LORCO removed LNAPL from temporary USDOT approved 55-gallon LNAPL storage drums via vacuum truck on November 8, 2010, December 7, 2010, and January 11, 2011. Copies of the drum disposal documentation are provided as Appendix A.

5.0 FINDINGS AND RESULTS

The following subsections describe the findings and results of the monitoring and sampling events conducted between January 10 and 13, 2011.

5.1 Site Hydrogeology

On January 11, 2011, groundwater beneath the Project Area was detected in water table and semi-confined conditions. Monitoring wells MW-5 and MW-6 were screened

beneath a semi-confining silty/clay layer and monitoring well MW-4D was screened beneath a peat layer. The depth to water ranged from approximately 4.16 fbg (MW-13) to approximately 29.70 fbg (MW-22). Groundwater flow direction was generally towards Newtown Creek. The average water table gradient between the northern (MW-20) and southern (MW-9) boundaries of the Project Area was calculated to be approximately 0.01 feet per foot (ft/ft). Monitoring well gauging data is summarized on Table 2 and a LNAPL Distribution and Groundwater Elevation Contour map is provided as Figure 4.

5.2 LNAPL Distribution and Recovery

LNAPL was detected in monitoring wells MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7, MW-9, MW-14, MW-16, MW-17, MW-19, MW-22, MW-23, and MW-24 on January 11, 2011. LNAPL thickness ranged from 0.32 ft in MW-2 to 10.01 ft in MW-5. Monitoring wells MW-5 and MW-6 were screened beneath a semi-confining layer and, therefore, LNAPL thickness detected in these wells on January 11, 2011 may not be indicative of actual levels across the water-table interface. A summary of LNAPL thicknesses observed in monitoring wells during groundwater gauging is provided in Table 2.

Approximately 2,581 gallons of LNAPL were recovered during IRM activities from September 4, 2009 to January 25, 2011. Table 3 summarizes the LNAPL recovery.

5.3 Groundwater Analytical Data

The following subsections summarize the groundwater sampling field parameters and laboratory analytical results. Groundwater sample laboratory analytical results are summarized in Tables 4 through 6 and compared to NYSDEC Water Quality Standards (WQS), as published in the Division of Water, *Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values Memorandum* dated June 1998 (Addendum June 2000). Laboratory analytical reports and chain-of-custody documentation are provided in Appendix B.

5.3.1 Field Parameters

Table 2 summarizes the results of the groundwater field parameters measured in the monitoring wells sampled using a flow through cell prior to groundwater sampling.

5.3.2 Volatile Organic Compounds

Laboratory analysis reported TCL VOCs above groundwater standards and/or guidance values in samples collected from MW-1, MW-4D, and MW-13. Chlorinated VOCs were detected above groundwater standards and/or guidance values in samples collected from MW-1 and MW-4D. VOC groundwater analytical results are summarized on Table 4. The spatial distributions of dissolved VOCs are illustrated on Figure 5.

5.3.3 Semi-Volatile Organic Compounds

Laboratory analysis reported TCL SVOCs above groundwater standards and/or guidance values in samples collected from MW-15 and MW-20. SVOC groundwater analytical results are summarized on Table 5. The spatial distributions of dissolved SVOCs are illustrated on Figure 6.

5.3.4 Metals and Cyanide

Turbidity measurements were observed below 50 NTU during groundwater sampling; therefore, no field filtered samples were collected. Laboratory analysis reported TAL metals above groundwater standards and/or guidance values in samples collected from MW-4D, MW-8, MW-10, MW-13, MW-15, MW-20, and MW-21. Cyanide was not detected above groundwater standards. Total metals and cyanide groundwater analytical results are summarized on Table 6. The spatial distributions of metals detected in groundwater samples are illustrated on Figure 7.

6.0 SUMMARY AND RECOMMENDATIONS

Twenty-one monitoring points were gauged and eight monitoring wells were sampled from January 10 to 13, 2011. In addition, approximately weekly LNAPL recovery events were continued from November 1, 2010 through January 25, 2011. The following is a summary of the quarterly groundwater sampling and LNAPL recovery for the period from November 2010 to January 2011.

- Depth to groundwater ranged from 4.16 fbg (MW-13) to approximately 29.70 fbg in (MW-22).
- Groundwater flow was measured toward Newtown Creek at hydraulic gradient of approximately 0.01 ft/ft.
- LNAPL was detected in 14 monitoring wells, ranging from 0.32 ft in MW-2 to 10.01 ft in MW-5.
- Concentrations of VOCs were detected above groundwater standards and/or guidance values in samples collected from MW-1, MW-4D, and MW-13.
- SVOCs were detected above groundwater standards and/or guidance values in samples collected from MW-15 and MW-20.
- Metals were detected above groundwater standards and/or guidance values in samples collected from MW-4D, MW-8, MW-10, MW-13, MW-15, MW-20, and MW-21.
- Cyanide was not detected above NYSDEC standards.
- As of January 25, 2011, approximately 2,581 gallons of LNAPL were recovered since LNAPL recovery activities were initiated on September 4, 2009.

Based on the information gathered from these monitoring and sampling events, continued quarterly monitoring and sampling of the monitoring well network and continued weekly LNAPL recovery are proposed. Monitoring wells MW-11 and MW-12 were replaced on March 14 and 15, 2011 and will be incorporated into subsequent monitoring events.

7.0 LIMITATIONS

Kleinfelder performed the services for this project under the Standard Procurement Agreement with Procurement, a division of ExxonMobil Global Services Company (signed on June 21, 2007). Kleinfelder states that the services performed are consistent with professional standard of care defined as that level of services provided by similar professionals under like circumstances. This SSUR is based upon the regulatory standards in effect on the date of the SSUR. It has been produced for the primary benefit of ExxonMobil Global Services Company and its affiliates.

8.0 REFERENCES

New York State Department of Environmental Conservation, Consent Order, Case No. D2-1002-12-07AM.

New York State Department of Environmental Conservation, *Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values*, June 1998, and Addendum June 2000.

United States Geological Survey, 7.5-Minute Series Topographic Map of Brooklyn, New York Quadrangle, photo revised 1979.

TABLES

TABLE 1
SUMMARY OF SAMPLES AND ANALYSES

Former Pratt Oil Works
Long Island City, New York

January 2011

Groundwater Sample Analysis										
Sample IDs	Parameter	Analytical Method	Lab	Field Samples				QC Blanks		Total
				Field Samples	Field Duplicates	MS/MSD (Total)	Subtotal	Rinse Blanks	Trip Blanks	
MW-1, MW-4D, MW-8, MW-10, MW-13, MW-15, MW-20 and MW-21	TCL VOCs	USEPA SW 8260B	Accutest	8	1	1/ 1	11	0	2	18
	TCL SVOCs	USEPA SW 8270C		8	1	1/ 1	11	0	0	11
	TAL Metals & CN	USEPA SW 6010B, 7470A, 335.4		8	1	1/ 1	11	0	0	11

Notes:

USEPA - United States Environmental Protection Agency

CN - Cyanide

Matrix spike (MS) / matrix spike duplicate (MSD) for organic analyses;
matrix spike and laboratory duplicate for inorganic analysis

N A - not applicable

QC- quality control

SVOCs - semi-volatile organic compounds

TAL - Target Analyte List

TCL - Target Compound List

VOCs - volatile organic compounds

One rinse blank per 20 samples was collected when non-disposable (decontaminated) sampling equipment was used.

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April, 2009 through January 2011

Well ID (Screen Interval fbg)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity (g/cm3)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temp- erature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppt)	
MW-1 (6-18)	4/7/2009	13.49	ND	9.51	ND	NA	3.98	0.4	6.57	11.78	0.68	-302	NA*	530	NM	
	4/17/2009	13.49	ND	9.43	ND	NA	4.06	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	13.49	ND	8.56	ND	NA	4.93	0.6	7.02	17.97	0.57	-231	2.64	0.37	NM	
	10/26/2009	13.49	ND	8.08	ND	NA	5.41	NM	6.72	18.59	2.00	-324	0.00	7.20	0.08	
	1/22/2010	13.49	ND	8.36	ND	NA	5.13	0.2	6.76	11.50	0.58	-295	0.69	5.80	0.03	
	4/21/2010	13.49	ND	8.30	ND	NA	5.19	1.4	8.51	10.32	0.551	-283	0.00	0.10	0.00	
	7/19/2010	13.49	ND	8.11	ND	NA	5.38	25.2	6.04	17.52	0.474	-249	2.16***	6.20	0.01	
	10/15/2010	13.49	ND	7.69	ND	NA	5.80	NM	6.89	19.81	0.394	-329	0.50	0.00	0.20	
MW-2 (2-17)	1/11/2011	13.49	ND	10.74	ND	NA	2.75	NM	7.60	13.32	0.491	-321	1.80	0.00	0.20	
	4/7/2009	6.56	ND	5.45	ND	NA	1.11	80.9	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.56	7.72	7.81	0.09	0.89**	-1.17	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.56	7.78	8.88	1.10	0.89**	-1.34	0.5	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.56	6.72	8.09	1.37	0.89**	-0.31	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	6.56	8.19	9.93	1.74	0.89**	-1.82	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	6.56	7.54	8.04	0.50	0.89**	-1.04	6.8	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	6.56	7.49	7.73	0.24	0.89**	-0.96	0.2	NM	NM	NM	NM	NM	NM	NM	
MW-3 (3-18)	10/15/2010	6.56	7.13	7.57	0.44	0.89**	-0.62	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	6.56	6.86	7.18	0.32	0.89**	-0.34	NM	NM	NM	NM	NM	NM	NM	NM	
	4/7/2009	7.95	NM	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	7.95	NM	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	7.95	NM	NM	NM	0.9386	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	7.95	8.15	9.70	1.55	0.9386	-0.30	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	7.95	8.20	8.22	0.02	0.9386	-0.25	5.5	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	7.95	8.95	9.05	0.10	0.9386	-1.01	0.2	NM	NM	NM	NM	NM	NM	NM	
MW-4 (5-22)	7/19/2010	7.95	8.80	9.55	0.75	0.9386	-0.90	18.2	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	7.95	7.55	11.04	3.49	0.9386	0.19	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	7.95	NM	NM	NM	0.9386	NM	NM	NM	NM	NM	NM	NM	NM	NM	LNAPL to viscous
	4/7/2009	8.87	6.59	9.65	3.06	0.8908	1.95	135	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	8.87	6.52	11.55	5.03	0.8908	1.80	NS	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	8.87	6.00	10.95	4.95	0.8908	2.33	7.6	NM	NM	NM	NM	NM	NM	NM	Well abandoned
	10/26/2009	8.81	6.31	7.20	0.89	0.8908	2.40	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	8.81	6.50	7.27	0.77	0.8908	2.23	161.0	NM	NM	NM	NM	NM	NM	NM	
MW-4S (4-9)	4/21/2010	8.81	5.81	6.43	0.62	0.8908	2.93	15.6	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	8.81	6.34	7.22	0.88	0.8908	2.37	9.7	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	8.81	6.34	7.42	1.08	0.8908	2.35	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	8.81	7.41	8.15	0.74	0.8908	1.32	NM	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April, 2009 through January 2011

Well ID (Screen Interval fbg)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity (g/cm3)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temp- erature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppt)	
MW-4D (13.5-18.5)	10/26/2009	8.57	ND	6.95	ND	NA	1.62	NM	6.68	18.10	1.05	-119	0.00	17.00	0.05	
	1/22/2010	8.57	ND	7.72	ND	NA	0.85	4.9	6.78	15.92	1.07	-136	0.66	59.50	0.08	
	4/21/2010	8.57	ND	6.71	ND	NA	1.86	1.4	6.49	15.39	1.18	-202	0.00	0.00	0.10	
	7/19/2010	8.57	ND	7.09	ND	NA	1.48	0.0	6.15	19.94	1.23	-120	1.49***	2.10	0.04	
	10/15/2010	8.57	ND	6.41	ND	NA	2.16	NM	6.72	18.44	0.992	-144	3.88	29.90	0.50	
	1/11/2011	8.57	ND	8.42	ND	NA	0.15	NM	6.93	14.40	1.32	-143	0.73	16.10	0.70	
MW-5 (13-21)	4/7/2009	9.62	7.14	18.82	11.68	0.8952	1.26	23.0	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	9.62	7.32	18.66	11.34	0.8952	1.11	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	9.62	6.99	20.00	13.01	0.8952	1.27	4.7	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	9.62	7.69	18.05	10.36	0.8952	0.84	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	9.62	NM	NM	NM	0.8952	NM	NM	NM	NM	NM	NM	NM	NM	NM	Passive Bailer
	4/21/2010	9.62	7.11	19.60	12.49	0.8952	1.20	9.8	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	9.62	6.94	19.60	12.66	0.8952	1.35	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	9.62	7.30	20.02	12.72	0.8952	0.99	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	9.62	9.47	19.48	10.01	0.8952	-0.90	NM	NM	NM	NM	NM	NM	NM	NM	
MW-6 (18-23)	4/7/2009	11.80	9.09	12.18	3.09	0.8944	2.38	68.7	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	11.80	9.35	12.55	3.20	0.8944	2.11	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	11.80	8.79	12.82	4.03	0.8944	2.58	2.9	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	11.80	9.08	15.55	6.47	0.8944	2.04	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	11.80	9.22	18.00	8.78	0.8944	1.65	42.7	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	11.80	8.62	9.25	0.63	0.8944	3.11	14.8	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	11.80	8.73	10.34	1.61	0.8944	2.90	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	11.80	ND	9.29	ND	0.8944	2.51	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	11.80	11.2	11.63	0.43	0.8944	0.55	NM	NM	NM	NM	NM	NM	NM	NM	
MW-7 (1-15)	4/7/2009	6.54	4.82	5.18	0.36	0.9129	1.69	211	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.54	7.74	8.42	0.68	0.9129	-1.26	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.54	7.80	9.30	1.50	0.9129	-1.39	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.54	7.07	7.70	0.63	0.9129	-0.58	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	6.54	6.04	7.62	1.58	0.9129	0.36	40.0	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	6.54	8.05	8.10	0.05	0.9129	-1.51	107	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	6.54	8.00	9.66	1.66	0.9129	-1.60	29	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	6.54	6.34	7.59	1.25	0.9129	0.09	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	6.54	7.59	8.71	1.12	0.9129	-1.15	NM	NM	NM	NM	NM	NM	NM	NM	

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GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

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Long Island City, New York

April, 2009 through January 2011

Well ID (Screen Interval fbg)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity (g/cm3)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temp- erature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppt)	
MW-8 (1-13)	4/7/2009	5.80	ND	4.09	ND	NA	1.71	0.0	7.59	8.07	37.40	-140	3.7	74.9	2.31	
	4/17/2009	5.80	ND	7.54	ND	NA	-1.74	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	5.80	ND	7.50	ND	NA	-1.70	0.0	7.68	28.95	27.40	-330	0.26	1.4	NM	
	10/26/2009	5.80	ND	6.83	ND	NA	-1.03	NM	7.10	16.32	32.40	-327	0.00	2.90	2.01	
	1/22/2010	5.80	ND	6.59	ND	NA	-0.79	0.0	7.04	7.15	35.20	-238	1.94	148	2.14	
	4/21/2010	5.80	ND	7.66	ND	NA	-1.86	0.2	6.96	11.49	40.2	-295	0.00	2.60	2.50	
	7/19/2010	5.80	ND	7.42	ND	NA	-1.62	0.0	7.02	23.86	37.1	-284	4.28***	0.00	2.27	
	10/15/2010	5.80	ND	6.87	ND	NA	-1.07	NM	6.97	17.75	27.0	-286	1.52	24.50	16.40	
MW-9 (3-18)	1/11/2011	5.80	ND	6.19	ND	NA	-0.39	NM	7.38	5.63	36.8	-274	2.52	0.00	22.20	
	4/7/2009	9.76	8.40	17.70	9.30	0.9074	0.50	106	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	9.76	8.28	17.51	9.23	0.9074	0.63	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	9.76	8.35	17.90	9.55	0.9074	0.53	5.3	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	9.76	8.84	17.90	9.06	0.9074	0.08	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	9.76	9.85	18.20	8.35	0.9074	-0.86	9.8	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	9.76	8.86	14.99	6.13	0.9074	0.33	15.7	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	9.76	8.50	17.99	9.49	0.9074	0.38	3.3	NM	NM	NM	NM	NM	NM	NM	
MW-10 (3-13)	10/15/2010	9.76	8.60	13.83	5.23	0.9074	0.68	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	9.76	10.52	18.16	7.64	0.9074	-1.47	NM	NM	NM	NM	NM	NM	NM	NM	
	4/7/2009	10.56	ND	8.74	ND	NA	1.82	1.8	6.90	12.32	0.478	-143	0.0	95.4	0.02	
	4/17/2009	10.56	ND	8.64	ND	NA	1.92	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	10.56	ND	8.10	ND	NA	2.46	0.0	6.94	18.44	0.54	-135	5.47	0.0	NM	
	10/26/2009	10.56	ND	8.20	ND	NA	2.36	NM	6.71	17.93	0.78	-180	0.00	5.50	0.04	
	1/22/2010	10.56	ND	8.63	ND	NA	1.93	0.0	6.51	14.69	1.54	-196	0.70	3.70	0.08	
	4/21/2010	10.56	ND	8.28	ND	NA	2.28	0.0	6.78	15.04	1.25	201	0.24	46.0	0.00	
MW-11 (2-17)	7/19/2010	10.56	ND	8.47	ND	NA	2.09	0.0	5.78	18.34	0.91	-54	3.62***	1.6	0.02	
	10/15/2010	10.56	ND	8.25	ND	NA	2.31	NM	6.40	19.97	0.928	-241	0.47	3.0	0.05	
	1/11/2011	10.56	ND	8.68	ND	NA	1.88	NM	6.48	13.50	2.09	-102	0.78	0.0	1.10	
	4/7/2009	6.98	ND	5.73	ND	NA	1.25	0.0	4.62	10.54	29.6	-242	0.00	77.1	NM	
	4/17/2009	6.98	ND	8.72	ND	NA	-1.74	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.98	ND	7.98	ND	NA	-1.00	0.0	6.87	18.76	26.60	-221	5.49	6.9	NM	
	10/26/2009	6.98	ND	8.15	ND	NA	-1.17	NM	6.71	17.88	30.90	-291	0.00	0.00	1.94	
	4/21/2010	6.98	ND	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well destroyed
MW-12 (2-16)	4/7/2009	6.67	ND	8.26	ND	NA	-1.59	0.0	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.67	8.40	8.41	0.01	0.91**	-1.73	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.67	ND	NM	ND	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.67	7.81	7.95	0.14	0.91**	-1.15	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	6.67	ND	7.96	ND	NA	-1.29	2.0	NM	NM	NM	NM	NM	NM	NM	Sheen observed
	7/19/2010	6.67	ND	NM	ND	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well destroyed

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Long Island City, New York

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		Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity (g/cm3)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temp- erature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppt)	
MW-13 (1-8)	4/7/2009	7.82	ND	NM	NM	NA	NM	0.0	8.43	9.68	1.14	-155	0.00	102	0.05	
	4/17/2009	7.82	ND	3.64	ND	NA	4.18	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	7.82	ND	3.51	ND	NA	4.31	0.0	7.22	20.84	1.40	-131	4.18	0.0	NM	
	10/26/2009	7.82	ND	3.59	ND	NA	4.23	NM	6.87	15.90	1.34	-76	0.0	10.50	0.07	
	4/21/2010	7.82	ND	3.70	ND	NA	4.12	0.0	7.34	12.31	1.40	-166	0.00	2.70	0.10	
	7/19/2010	7.82	ND	NM	ND	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well inaccessible
	10/15/2010	7.82	ND	3.89	ND	NA	3.93	NM	7.03	20.64	1.21	-115	0.31	21.90	0.60	
MW-14 (7.5-27.5)	1/11/2011	7.82	ND	4.16	ND	NA	3.66	NM	7.49	9.34	1.90	-117	0.58	3.00	0.90	
	7/29/2009	22.92	20.65	26.80	6.15	0.9086	1.71	10.9	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	22.92	21.31	26.50	5.19	0.9086	1.14	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	22.92	20.67	23.33	2.66	0.9086	2.01	4.7	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	22.92	20.91	26.81	5.90	0.9086	1.47	0.4	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	22.92	21.12	26.59	5.47	0.9086	1.30	NM	NM	NM	NM	NM	NM	NM	NM	
MW-15 (5.5-20.5)	1/11/2011	22.92	22.81	26.53	3.72	0.9086	-0.23	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	13.05	ND	10.59	ND	NA	2.46	0.0	7.05	19.48	0.78	-104	0.32	786	NM	
	10/26/2009	13.05	ND	11.32	ND	NA	1.73	NM	6.41	13.60	216.00	-138	8.11	990	0.10	
	4/21/2010	13.05	ND	10.79	ND	NA	2.26	0.2	7.08	15.02	1.12	-161	0.00	41.50	0.10	
	7/19/2010	13.05	ND	11.02	ND	NA	2.03	NM	6.19	17.25	0.96	-107	2.44***	6.30	0.03	
	10/15/2010	13.05	ND	10.89	ND	NA	2.16	NM	6.64	18.35	0.801	-144	0.74	55.50	0.40	
MW-16 (10.5-30.5)	1/11/2011	13.05	ND	12.48	ND	NA	0.57	NM	6.92	9.81	1.04	-112	0.77	0.00	0.50	
	7/29/2009	24.12	20.91	21.00	0.09	0.91**	3.20	0.2	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	24.12	21.25	21.27	0.02	0.91**	2.87	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	24.12	20.06	20.07	0.01	0.91**	4.06	1.2	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	24.12	ND	20.70	ND	0.91**	3.42	0.0	5.55	16.23	0.90	-75.00	1.02***	31.40	0.02	
	10/15/2010	24.12	ND	20.98	ND	0.91**	3.14	NM	6.47	16.84	0.594	-131	0.41	130	0.30	
MW-17 (8.5-25.5)	1/11/2011	24.12	21.95	22.42	0.47	0.91**	1.70	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	16.81	14.76	22.20	7.44	0.9122	1.40	3.5	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	16.81	15.44	23.0	7.56	0.9122	0.71	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	16.81	15.53	17.22	1.69	0.9122	1.13	1.6	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	16.81	15.03	20.91	5.88	0.9122	1.26	0.9	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	16.81	15.24	19.39	4.15	0.9122	1.21	NM	NM	NM	NM	NM	NM	NM	NM	
MW-18 (17.5-37.5)	1/11/2011	16.81	16.85	20.97	4.12	0.9122	-0.41	NM	NM	NM	NM	NM	NM	NM	NM	
	9/24/2009	23.55	ND	20.92	ND	NA	2.63	NM	6.50	27.67	1.98	-144	0.40	33.50	NM	
	10/26/2009	23.55	ND	21.32	ND	NA	2.23	NM	6.59	14.84	1.63	-126	0.0	159	0.08	
	4/21/2010	23.55	ND	19.97	ND	NA	3.58	1.9	7.63	15.92	1.73	-212	0.00	60.00	0.10	
	7/19/2010	23.55	20.62	20.67	0.05	0.91**	2.88	NM	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	23.55	20.50	20.51	0.01	0.91**	3.04	NM	6.64	15.22	1.89	-160	0.41	33.60	1.00	
	1/11/2011	23.55	NM	NM	NM	0.91**	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well inaccessible

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April, 2009 through January 2011

Well ID (Screen Interval fbg)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity (g/cm3)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temp- erature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppt)	
MW-19 (11.5-31.5)	9/24/2009	24.85	21.95	22.55	0.60	0.9087	2.85	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	24.85	22.00	23.05	1.05	0.9087	2.75	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	24.85	20.86	21.55	0.69	0.9087	3.93	8.6	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	24.85	21.42	22.01	0.59	0.9087	3.38	15.0	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	24.85	21.70	22.58	0.88	0.9087	3.07	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	24.85	22.86	24.35	1.49	0.9087	1.85	NM	NM	NM	NM	NM	NM	NM	NM	
MW-20 (9.5-29.5)	7/29/2009	28.63	ND	21.03	ND	NA	7.60	0.1	6.93	19.35	1.43	-94	0.00	189	NM	
	10/26/2009	28.63	ND	21.61	ND	NA	7.02	NM	6.24	16.43	1.14	0.44	0.00	83.20	0.06	
	4/21/2010	28.63	ND	18.07	ND	NA	10.56	0.3	6.75	14.70	3.33	-13.0	0.00	34.30	0.20	
	7/19/2010	28.63	ND	16.53	ND	NA	12.10	0.0	5.98	16.23	1.76	-25.0	4.72***	21.70	0.05	
	10/15/2010	28.63	ND	22.01	ND	NA	6.62	NM	6.60	17.81	1.72	-94	1.69	61.50	0.90	
	1/11/2011	28.63	ND	23.15	ND	NA	5.48	NM	6.61	10.34	2.09	-80	0.98	29.50	1.10	
MW-21 (10.5-25.5)	7/29/2009	16.63	ND	14.37	ND	NA	2.26	0.0	6.96	18.45	1.22	190	4.93	17.8	NM	
	10/26/2009	16.63	ND	14.10	ND	NA	2.53	NM	6.61	5.76	1.07	144	1.07	12.70	0.05	
	4/21/2010	16.63	ND	13.79	ND	NA	2.84	1.4	6.63	13.81	1.16	68	5.20	1.60	0.10	
	7/19/2010	16.63	ND	14.19	ND	NA	2.44	0.0	6.16	15.76	1.24	301	2.5***	30.30	0.04	
	10/15/2010	16.63	ND	14.33	ND	NA	2.30	NM	6.64	16.19	1.25	167	3.42	41.60	0.60	
	1/11/2011	16.63	ND	15.04	ND	NA	1.59	NM	6.74	7.29	1.31	140	4.81	0.00	0.60	
MW-22 (14.5-34.5)	7/29/2009	29.36	25.79	27.20	1.41	0.9092	3.44	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	29.36	26.15	28.40	2.25	0.9092	3.01	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	29.36	NM	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible
	7/19/2010	29.36	25.47	26.97	1.50	0.9092	3.75	1.1	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	29.36	25.87	27.41	1.54	0.9092	3.35	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	29.36	26.93	29.70	2.77	0.9092	2.18	NM	NM	NM	NM	NM	NM	NM	NM	
MW-23 (10.5-24.5)	7/29/2009	19.05	17.09	23.85	6.76	0.9094	1.35	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	19.05	17.76	23.82	6.06	0.9094	0.74	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	19.05	17.57	22.36	4.79	0.9094	1.05	15.9	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	19.05	17.40	23.81	6.41	0.9094	1.07	0.4	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	19.05	17.58	23.13	5.55	0.9094	0.97	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	19.05	19.26	23.93	4.67	0.9094	-0.63	NM	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April, 2009 through January 2011

Well ID (Screen Interval fbg)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity (g/cm3)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temp- erature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppt)	
MW-24 (5.5-25.5)	7/29/2009	17.56	15.20	24.10	8.90	0.9034	1.50	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	17.56	15.79	24.25	8.46	0.9034	0.95	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	17.56	15.10	22.60	7.50	0.9034	1.74	3.1	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	17.56	15.12	24.03	8.91	0.9034	1.58	0.4	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	17.56	15.55	24.46	8.91	0.9034	1.15	NM	NM	NM	NM	NM	NM	NM	NM	
	1/11/2011	17.56	17.31	24.79	7.48	0.9034	-0.47	NM	NM	NM	NM	NM	NM	NM	NM	

Notes:

~ - no standard or guidance value exists

<1.0 - Not detected at or above the laboratory reporting limit shown

°C - degrees Celsius

F - degrees Fahrenheit

Corrected GW Elevation - calculated using the following formula:

(top of casing elevation - depth to water) + (LNAPL thickness * LNAPL specific gravity)

Depth to Water - measured in feet below land surface from top of casing

fbg - feet below grade

GW - Groundwater

LNAPL - Light non-aqueous phase liquid

mg/L - milligrams per liter (parts per million)

mS/cm - milliSiemens per centimeter

mV - millivolts

N/A - Not applicable

NA - Not analyzed

ND - Not detected

NM - Not monitored

NS - Not sampled

NSVD - Not surveyed to vertical datum

ntu - nephelometric turbidity units

ppmv - parts per million by volume

ppt - parts per thousand

s.u. - standard units

* - equipment malfunction

** - estimated value based on surrounding wells

*** - Dissolved Oxygen (DO) readings recorded on July 22, 2010 with an in-situ DO meter

Field Parameters - Measured from monitoring wells without LNAPL detections during groundwater sampling

Date on table reflects gauging date and may not reflect actual measurement date

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-2 (2-17)	3/8/2010	Port. Pump	0.89**	7.60	9.49	1.89	7.00	9.02	2.02	0.50	0.00	0.50	
	3/15/2010	Port. Pump	0.89**	3.00	5.58	2.58	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	4/1/2010	Port. Pump	0.89**	4.11	6.8	2.69	NA	NA	NA	0.00	0.00	0.00	
	4/5/2010	Port. Pump	0.89**	6.71	9.39	2.68	8.28	8.3	0.02	2.00	0.50	2.50	
	4/12/2010	Port. Pump	0.89**	6.56	7.45	0.89	7.28	7.45	0.17	1.00	0.25	1.25	
	4/20/2010	NA	0.89**	6.34	6.84	0.50	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	4/29/2010	NA	0.89**	4.76	5.45	0.69	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/5/2010	Port. Pump	0.89**	6.82	7.82	1.00	7.54	7.64	0.10	1.00	0.00	1.00	
	5/10/2010	NA	0.89**	7.42	7.8	0.38	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/17/2010	Port. Pump	0.89**	5.89	6.49	0.60	7.50	7.52	0.02	2.00	0.00	2.00	
	5/24/2010	NA	0.89**	5.66	5.96	0.30	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/2/2010	Port. Pump	0.89**	6.25	6.73	0.48	6.82	7.03	0.21	0.25	0.00	0.25	
	6/7/2010	Port. Pump	0.89**	7.44	7.81	0.37	8.29	8.31	0.02	1.25	0.00	1.25	
	6/14/2010	NA	0.89**	4.67	4.89	0.22	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/24/2010	NA	0.89**	5.80	6.11	0.31	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/30/2010	NA	0.89**	5.71	6.06	0.35	6.05	6.08	0.03	1.25	0.00	1.25	
	7/6/2010	Port. Pump	0.89**	7.45	7.83	0.38	ND	8.13	0.00	0.75	0.25	1.00	
	7/12/2010	NA	0.89**	4.34	4.47	0.13	NA	NA	NA	0.00	0.25	0.25	
	7/19/2010	Port. Pump	0.89**	7.49	7.73	0.24	7.62	7.64	0.02	1.00	0.00	1.00	
	7/26/2010	NA	0.89**	5.30	5.41	0.11	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	8/2/2010	Port. Pump	0.89**	6.44	6.7	0.26	6.71	6.74	0.03	0.50	0.00	0.50	
	8/9/2010	NA	0.89**	5.13	5.22	0.09	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	8/16/2010	NA	0.89**	6.96	7.18	0.22	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	8/24/2010	Port. Pump	0.89**	3.50	3.9	0.40	3.92	4	0.08	0.75	0.00	0.75	
	8/30/2010	Port. Pump	0.89**	5.70	5.89	0.19	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	9/8/2010	Port. Pump	0.89**	4.16	4.38	0.22	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	9/16/2010	NA	0.89**	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Data logger in well for tidal study
	9/20/2010	NA	0.89**	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Data logger in well for tidal study
	10/04/10	NA	0.89**	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Data logger in well for tidal study
	10/13/10	NA	0.89**	5.28	5.70	0.42	NA	NA	NA	0.00	0.00	0.00	Data logger in well for tidal study

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-2 (2-17)	10/18/10	Port. Pump	0.89**	7.08	7.81	0.73	7.54	7.8	NA	0.20	0.00	0.20	
	10/25/10	Port. Pump	0.89**	4.57	4.89	0.32	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	11/01/10	Port. Pump	0.89**	8.00	8.21	0.21	8.08	8.22	0.14	0.10	0.00	0.10	
	11/08/10	Port. Pump	0.89**	4.47	5.03	0.56	5.64	5.71	0.07	0.10	0.00	0.10	
	11/15/10	NA	0.89**	6.73	7.66	0.93	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	11/22/10	NA	0.89**	4.74	5.02	0.28	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	12/01/10	NA	0.89**	6.17	6.45	0.28	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	12/07/10	NA	0.89**	5.58	5.8	0.22	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	12/13/10	Port. Pump	0.89**	6.95	7.31	0.36	7.05	7.16	0.11	0.25	0.00	0.25	
	12/20/10	Port. Pump	0.89**	5.39	5.76	0.37	6.18	6.34	0.16	0.50	0.00	0.50	
	01/05/11	NA	0.89**	5.50	5.67	0.17	NA	NA	NA	0.00	0.00	0.00	Pump malfunction
MW-3 (3-18)	4/1/2010	NA	0.9368	7.06	NM	NM	NA	NA	NA	0.00	0.00	0.00	LNAPL too viscous to measure
MW-4S (4-9)	12/29/2009	G&B	0.8908	6.31	7.16	0.85	6.42	7.17	0.75	3.00	0.00	3.00	
	1/8/2010	G&B	0.8908	6.25	7.04	0.79	6.36	6.88	0.52	3.00	0.00	3.00	
	1/14/2010	G&B	0.8908	6.4	7.04	0.64	6.43	7.21	0.78	2.50	0.00	2.50	
	1/28/2010	G&B	0.8908	6.51	7.30	0.79	6.60	6.8	0.20	3.50	0.00	3.50	
	2/3/2010	G&B	0.8908	6.43	7.13	0.70	6.48	7.42	0.94	4.00	0.00	4.00	
	2/9/2010	G&B	0.8908	6.47	7.27	0.80	6.50	7.4	0.90	3.00	0.00	3.00	
	2/15/2010	Port. Pump	0.8908	6.47	7.20	0.73	6.65	6.75	0.10	4.00	0.00	4.00	
	2/25/2010	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0.00	0.00	Not gauged due to snow
	3/8/2010	Port. Pump	0.8908	5.93	6.52	0.59	5.97	6.43	0.46	2.00	0.00	2.00	
	3/15/2010	Port. Pump	0.8908	5.79	6.30	0.51	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	3/23/2010	Port. Pump	0.8908	5.71	6.17	0.46	5.79	6.00	0.21	1.50	1.00	2.50	
	4/1/2010	Port. Pump	0.8908	5.70	6.16	0.46	5.76	5.78	0.02	1.50	0.50	2.00	
	4/5/2010	Port. Pump	0.8908	5.72	6.20	0.48	5.78	5.89	0.11	1.00	0.75	1.75	
	4/12/2010	Port. Pump	0.8908	5.75	6.50	0.75	6.80	7.20	0.40	0.75	0.25	1.00	
	4/20/2010	Port. Pump	0.8908	5.80	6.48	0.68	5.86	6.04	0.18	0.75	0.00	0.75	
	4/29/2010	NA	0.8908	5.81	6.31	0.50	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/5/2010	Port. Pump	0.8908	5.85	6.55	0.70	5.96	6.19	0.23	1.50	0.00	1.50	
	5/10/2010	Port. Pump	0.8908	5.95	6.65	0.70	6.00	6.15	0.15	0.75	0.00	0.75	
	5/17/2010	Port. Pump	0.8908	6.02	6.75	0.73	6.10	6.22	0.12	1.75	0.25	2.00	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-4S (4-9)	5/24/2010	Port. Pump	0.8908	6.07	6.86	0.79	6.15	6.23	0.08	2.00	0.00	2.00	
	6/2/2010	Port. Pump	0.8908	6.13	6.92	0.79	6.19	6.66	0.47	2.00	0.00	2.00	
	6/7/2010	Port. Pump	0.8908	6.15	6.95	0.80	6.23	6.27	0.04	2.00	0.00	2.00	
	6/14/2010	Port. Pump	0.8908	6.20	7.00	0.80	6.30	6.47	0.17	1.25	0.00	1.25	
	6/24/2010	Port. Pump	0.8908	6.19	6.93	0.74	6.23	6.25	0.02	1.50	0.00	1.50	
	6/30/2010	Port. Pump	0.8908	6.21	7.01	0.80	6.40	6.53	0.13	2.00	0.00	2.00	
	7/6/2010	Port. Pump	0.8908	6.21	7.13	0.92	6.40	6.86	0.46	1.00	0.00	1.00	
	7/12/2010	Port. Pump	0.8908	6.38	7.23	0.85	6.45	6.87	0.42	1.25	0.00	1.25	
	7/19/2010	Port. Pump	0.8908	6.34	7.22	0.88	6.41	6.61	0.20	1.00	0.00	1.00	
	7/26/2010	Port. Pump	0.8908	6.42	7.25	0.83	6.53	6.64	0.11	1.50	0.00	1.50	
	8/2/2010	Port. Pump	0.8908	6.46	7.31	0.85	6.62	6.79	0.17	1.00	0.00	1.00	
	8/9/2010	Port. Pump	0.8908	6.51	7.39	0.88	6.65	7.04	0.39	1.00	0.00	1.00	
	8/16/2010	Port. Pump	0.8908	6.55	7.40	0.85	6.68	6.75	0.07	2.50	0.00	2.50	
	8/24/2010	Port. Pump	0.8908	6.63	7.53	0.90	6.75	7.06	0.31	1.50	0.00	1.50	
	8/30/2010	Port. Pump	0.8908	6.61	7.65	1.04	6.81	6.87	0.06	1.75	0.00	1.75	
	9/8/2010	Port. Pump	0.8908	6.60	7.51	0.91	6.80	7.02	0.22	1.25	0.00	1.25	
	9/16/2010	NA	0.8908	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	9/20/2010	NA	0.8908	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/4/2010	NA	0.8908	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/13/2010	NA	0.8908	6.65	7.53	0.88	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/18/2010	Port. Pump	0.8908	6.67	7.41	0.74	6.72	7.28	0.56	1.75	0.00	1.75	
	10/25/2010	Port. Pump	0.8908	6.71	7.56	0.85	6.85	7.01	0.16	2.00	0.00	2.00	
	11/1/2010	Port. Pump	0.8908	6.84	7.70	0.86	6.95	7.06	0.11	1.50	0.00	1.50	
	11/8/2010	Port. Pump	0.8908	6.86	7.84	0.98	6.98	7.14	0.16	2.00	0.00	2.00	
	11/15/2010	Port. Pump	0.8908	6.98	7.84	0.86	7.16	7.27	0.11	1.50	0.00	1.50	
	11/22/2010	Port. Pump	0.8908	7.11	7.98	0.87	7.43	7.68	0.25	1.00	0.00	1.00	
	12/1/2010	Port. Pump	0.8908	7.06	8.01	0.95	7.45	7.58	0.13	2.00	0.00	2.00	
	12/7/2010	Port. Pump	0.8908	7.20	8.05	0.85	7.45	7.60	0.15	2.00	0.00	2.00	
	12/13/2010	Port. Pump	0.8908	7.22	8.01	0.79	7.51	7.59	0.08	0.50	0.00	0.50	
	12/20/2010	Port. Pump	0.8908	7.31	8.23	0.92	7.61	8.11	0.50	1.75	0.00	1.75	
	1/5/2011	NA	0.8908	7.16	7.91	0.75	NA	NA	NA	0.00	0.00	0.00	Pump malfunction
	1/13/2011	Port. Pump	0.8908	7.40	8.12	0.72	7.68	7.9	0.22	3.00	0.00	3.00	

TABLE 3
LNAPL RECOVERY SUMMARY

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WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-5 (13-21)	9/4/2009	G&B	0.8908	7.00	17.10	10.10	9.65	10.1	0.45	21.00	0.00	21.00	
	9/10/2009	Port. Pump	0.8952	8.52	20.35	11.83	9.83	9.9	0.07	16.46	0.00	16.46	
	12/29/2009	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/8/2010	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/14/2010	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/19/2010	Port. Pump	0.8952	8.19	NM	NM	8.13	NM	NM	2.50	0.00	2.50	
	1/28/2010	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	2/3/2010	G&B	0.8952	8.75	19.41	10.66	11.30	12.8	1.50	18.00	0.00	18.00	
	2/9/2010	G&B	0.8952	8.73	19.25	10.52	11.61	13.35	1.74	14.00	0.00	14.00	
	2/15/2010	Port. Pump	0.8952	9.21	18.77	9.56	9.75	12.75	3.00	15.00	0.00	15.00	
	2/25/2010	Port. Pump	0.8952	9.80	18.00	8.20	9.24	14.65	5.41	10.00	0.00	10.00	
	3/4/2010	Port. Pump	0.8952	8.70	18.65	9.95	NM	NM	NM	0.75	0.00	0.75	
	3/8/2010	Port. Pump	0.8952	7.89	19.57	11.68	8.23	17.77	9.54	5.00	0.00	5.00	
	3/15/2010	Port. Pump	0.8952	7.46	19.41	11.95	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	3/23/2010	Port. Pump	0.8952	7.44	21.11	13.67	9.92	11.3	1.38	18.00	0.00	18.00	
	4/1/2010	Port. Pump	0.8952	7.70	19.24	11.54	9.88	10.99	1.11	13.00	0.00	13.00	
	4/5/2010	Port. Pump	0.8952	7.50	19.70	12.20	10.15	10.68	0.53	14.00	0.50	14.50	
	4/12/2010	Port. Pump	0.8952	7.44	18.60	11.16	9.90	10.43	0.53	13.50	0.00	13.50	
	4/20/2010	Port. Pump	0.8952	7.17	19.20	12.03	9.52	10.49	0.97	14.00	0.00	14.00	
	4/29/2010	Port. Pump	0.8952	7.18	19.13	11.95	9.89	10.6	0.71	13.00	0.00	13.00	
	5/5/2010	Port. Pump	0.8952	7.15	19.40	12.25	9.56	11.05	1.49	14.00	0.00	14.00	
	5/10/2010	Port. Pump	0.8952	7.47	18.70	11.23	9.52	12.47	2.95	9.00	0.00	9.00	
	5/17/2010	Port. Pump	0.8952	7.41	19.80	12.39	8.22	15.1	6.88	9.50	0.00	9.50	
	5/24/2010	Port. Pump	0.8952	7.15	19.32	12.17	8.95	11.92	2.97	13.50	0.00	13.50	
	6/2/2010	Port. Pump	0.8952	7.22	20.02	12.80	9.40	11.71	2.31	14.00	0.00	14.00	
	6/7/2010	Port. Pump	0.8952	7.05	19.41	12.36	9.62	11.92	2.30	14.00	0.00	14.00	
	6/14/2010	Port. Pump	0.8952	7.35	19.72	12.37	9.63	10.85	1.22	15.00	0.00	15.00	
	6/24/2010	Port. Pump	0.8952	7.01	19.65	12.64	9.51	10.89	1.38	14.00	0.00	14.00	
	6/30/2010	Port. Pump	0.8952	7.19	18.79	11.60	9.29	10.93	1.64	13.00	0.00	13.00	
	7/6/2010	Port. Pump	0.8952	6.92	19.35	12.43	9.40	10.42	1.02	13.00	0.00	13.00	
	7/12/2010	Port. Pump	0.8952	6.80	18.97	12.17	12.17	13.5	1.33	13.50	0.00	13.50	
	7/19/2010	Port. Pump	0.8952	6.94	19.60	12.66	9.12	9.81	0.69	15.00	0.00	15.00	

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WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)				
MW-5 (13-21)	7/26/2010	Port. Pump	0.8952	7.31	19.00	11.69	9.90	11.26	1.36	13.00	0.00	13.00	
	8/2/2010	Port. Pump	0.8952	7.71	19.36	11.65	10.25	11.02	0.77	15.00	0.00	15.00	
	8/9/2010	Port. Pump	0.8952	7.65	19.20	11.55	10.15	11.62	1.47	11.00	0.00	11.00	
	8/16/2010	Port. Pump	0.8952	7.67	19.10	11.43	10.10	10.95	0.85	12.50	0.00	12.50	
	8/24/2010	Port. Pump	0.8952	7.49	18.97	11.48	9.72	10.5	0.78	13.00	0.00	13.00	
	8/30/2010	Port. Pump	0.8952	7.76	19.23	11.47	9.96	10.81	0.85	13.00	0.00	13.00	
	9/8/2010	Port. Pump	0.8952	7.40	19.70	12.30	9.99	10.9	0.91	13.00	0.00	13.00	
	9/16/2010	Port. Pump	0.8952	7.69	18.90	11.21	10.15	11.9	1.75	13.50	0.00	13.50	
	9/20/2010	Port. Pump	0.8952	7.64	19.60	11.96	10.10	11.69	1.59	13.00	0.00	13.00	
	9/27/2010	Port. Pump	0.8952	7.67	19.10	11.43	10.10	10.95	0.85	13.00	0.00	13.00	
	10/4/2010	Port. Pump	0.8952	7.45	19.60	12.15	9.89	11.33	1.44	13.00	0.00	13.00	
	10/13/2010	Port. Pump	0.8952	7.89	19.34	11.45	10.52	13.7	3.18	9.00	0.00	9.00	
	10/18/2010	Port. Pump	0.8952	7.97	19.40	11.43	10.54	10.99	0.45	14.50	0.00	14.50	
	10/25/2010	Port. Pump	0.8952	7.96	19.75	11.79	10.80	12.5	1.70	14.00	0.00	14.00	
	11/1/2010	Port. Pump	0.8952	8.77	19.23	10.46	11.22	13.16	1.94	12.00	0.00	12.00	
	11/8/2010	Port. Pump	0.8952	7.98	19.67	11.69	10.73	12.55	1.82	13.50	0.00	13.50	
	11/15/2010	Port. Pump	0.8952	8.41	19.96	11.55	11.35	12.56	1.21	13.00	0.00	13.00	
	11/22/2010	Port. Pump	0.8952	8.65	19.33	10.68	11.41	11.73	0.32	14.00	0.00	14.00	
	12/1/2010	Port. Pump	0.8952	8.37	17.42	9.05	11.21	12.16	0.95	12.50	0.00	12.50	
	12/7/2010	Port. Pump	0.8952	9.05	20.10	11.05	12.21	13.75	1.54	14.00	0.00	14.00	
	12/13/2010	Port. Pump	0.8952	8.61	20.53	11.92	12.51	13.26	0.75	16.00	0.00	16.00	
	12/20/2010	Port. Pump	0.8952	8.95	19.18	10.23	11.35	12.51	1.16	12.50	0.00	12.50	
	12/28/2010	Port. Pump	0.8952	9.45	19.49	10.04	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction (Frozen)
	1/5/2011	Port. Pump	0.8952	8.70	19.90	11.20	10.84	11.6	0.76	12.50	0.00	12.50	
	1/13/2011	Port. Pump	0.8952	9.65	19.70	10.05	7.68	7.9	0.22	12.00	0.00	12.00	
	1/17/2011	Port. Pump	0.8952	9.52	19.31	9.79	11.65	12.15	0.50	13.00	0.00	13.00	
	1/24/2011	NA	0.8952	9.39	18.80	9.41	NA	NA	NA	NA	0.00	0.00	Equipment Malfunction

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-6 (18-23)	3/15/2010	Port. Pump	0.8952	8.36	18.04	9.68	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	3/23/2010	Port. Pump	0.8944	NM	NM	NM	16.80	17.5	0.70	6.00	0.00	6.00	
	4/1/2010	Port. Pump	0.8944	9.07	12.95	3.88	13.11	13.35	0.24	3.00	0.50	3.50	
	4/5/2010	Port. Pump	0.8944	9.12	10.41	1.29	10.97	11	0.03	0.00	0.00	0.00	
	4/12/2010	Port. Pump	0.8944	9.09	9.5	0.41	NA	NA	NA	0.00	0.00	0.00	
	4/20/2010	NA	0.8944	8.75	9.25	0.50	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	4/29/2010	NA	0.8944	8.74	9.35	0.61	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/5/2010	NA	0.8944	8.67	9.23	0.56	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/10/2010	NA	0.8944	8.99	9.71	0.72	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/17/2010	NA	0.8944	8.97	9.69	0.72	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/24/2010	NA	0.8944	5.85	6.88	1.03	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/2/2010	NA	0.8944	8.89	9.59	0.70	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/7/2010	NA	0.8944	9.07	9.82	0.75	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/14/2010	NA	0.8944	9.07	9.98	0.91	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/24/2010	NA	0.8944	8.81	9.89	1.08	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	6/30/2010	NA	0.8944	9.05	10.39	1.34	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	7/6/2010	NA	0.8944	8.83	10.25	1.42	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	7/12/2010	NA	0.8944	8.80	10.31	1.51	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	7/19/2010	NA	0.8944	8.73	10.34	1.61	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	7/26/2010	NA	0.8944	9.10	10.01	0.91	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	8/2/2010	NA	0.8944	9.32	11.59	2.27	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	8/9/2010	NA	0.8944	9.29	11.87	2.58	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	8/16/2010	Port. Pump	0.8944	9.27	12	2.73	11.28	11.9	0.62	2.00	0.00	2.00	
	8/24/2010	NA	0.8944	9.37	10.63	1.26	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	8/30/2010	NA	0.8944	9.50	10.66	1.16	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	9/8/2010	Port. Pump	0.8944	9.35	10.94	1.59	10.74	10.85	0.11	1.50	0.00	1.50	
	9/16/2010	NA	0.8944	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	9/20/2010	NA	0.8944	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/13/10	NA	0.8944	9.74	10.89	1.15	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/18/10	Port. Pump	0.8944	9.83	10.96	1.13	10.54	11.04	0.50	1.00	0.00	1.00	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)				
MW-6 (18-23)	10/25/10	Port. Pump	0.8944	9.14	10.68	1.54	10.51	10.56	0.05	0.50	0.00	0.50	
	11/01/10	Port. Pump	0.8944	10.54	10.85	0.31	10.78	10.89	0.11	0.10	0.00	0.10	
	11/08/10	Port. Pump	0.8944	10.13	10.62	0.49	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	11/15/10	Port. Pump	0.8944	10.40	12.63	2.23	11.20	11.21	0.01	0.75	0.00	0.75	
	11/22/10	Port. Pump	0.8944	10.63	11.21	0.58	11.04	11.1	0.06	0.25	0.00	0.25	
	12/01/10	NA	0.8944	10.44	10.69	0.25	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	12/07/10	Port. Pump	0.8944	10.67	11.18	0.51	11.28	11.35	0.07	0.50	0.00	0.50	
	12/13/10	Port. Pump	0.8944	10.39	10.61	0.22	10.65	10.7	0.05	0.25	0.00	0.25	
	12/20/10	Port. Pump	0.8944	10.82	11.02	0.20	11.25	11.31	0.06	0.50	0.00	0.50	
	12/28/10	Port. Pump	0.8944	11.11	11.35	0.24	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction (Frozen)
MW-7 (1-15)	01/05/11	NA	0.8944	10.46	10.5	0.04	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction (Frozen)
	01/13/11	Port. Pump	0.8944	11.16	11.7	0.54	11.71	12.22	0.51	0.50	0.00	0.50	
	3/15/2010	Port. Pump	0.8944	4.43	4.44	0.01	NA	NA	NA	0.00	0.00	0.00	
	4/1/2010	Port. Pump	0.9129	5.92	5.93	0.01	NA	NA	NA	0.00	0.00	0.00	<1-inch LNAPL in passive bailer
	4/12/2010	Port. Pump	0.9129	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	
	5/5/2010	Port. Pump	0.9129	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	<1-inch LNAPL in passive bailer
	5/10/2010	Port. Pump	0.9129	6.94	7.44	0.50	NA	NA	NA	0.00	0.00	0.00	Sampled for characterization
	5/24/2010	NA	0.9129	6.39	7.26	0.87	NA	NA	NA	0.00	0.00	0.00	
	6/2/2010	NA	0.9129	6.80	7.84	1.04	NA	NA	NA	0.00	0.00	0.00	
	6/7/2010	NA	0.9129	7.55	8.94	1.39	NA	NA	NA	0.00	0.00	0.00	
	6/14/2010	NA	0.9129	5.01	5.46	0.45	NA	NA	NA	0.00	0.00	0.00	
	6/24/2010	NA	0.9129	5.95	6.81	0.86	NA	NA	NA	0.00	0.00	0.00	
	6/30/2010	NA	0.9129	5.51	6.12	0.61	NA	NA	NA	0.00	0.00	0.00	
	7/6/2010	NA	0.9129	7.69	9.4	1.71	NA	NA	NA	0.00	0.00	0.00	
	7/19/2010	NA	0.9129	8.00	9.66	1.66	NA	NA	NA	0.00	0.00	0.00	
	7/26/2010	NA	0.9129	5.44	6.36	0.92	NA	NA	NA	0.00	0.00	0.00	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)				
MW-7 (1-15)	8/9/2010	NA	0.9129	5.10	5.61	0.51	NA	NA	NA	0.00	0.00	0.00	
	8/16/2010	NA	0.9129	6.85	7.4	0.55	NA	NA	NA	0.00	0.00	0.00	
	8/24/2010	NA	0.9129	3.64	4.46	0.82	NA	NA	NA	0.00	0.00	0.00	
	8/30/2010	NA	0.9129	6.23	6.97	0.74	NA	NA	NA	0.00	0.00	0.00	
	9/16/2010	NA	0.9129	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Data logger in well for tidal study
	9/20/2010	NA	0.9129	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Data logger in well for tidal study
	10/13/2010	NA	0.9129	5.48	6.01	0.53	NA	NA	NA	0.00	0.00	0.00	Data logger in well for tidal study
	10/18/2010	NA	0.9129	7.83	9.1	1.27	NA	NA	NA	0.00	0.00	0.00	
	10/25/2010	NA	0.9129	5.85	5.96	0.11	NA	NA	NA	0.00	0.00	0.00	
	11/8/2010	NA	0.9129	6.14	6.41	0.27	NA	NA	NA	0.00	0.00	0.00	
	11/15/2010	NA	0.9129	7.00	7.6	0.60	NA	NA	NA	0.00	0.00	0.00	
	11/22/2010	NA	0.9129	4.66	5.31	0.65	NA	NA	NA	0.00	0.00	0.00	
	12/1/2010	NA	0.9129	6.91	7.55	0.64	NA	NA	NA	0.00	0.00	0.00	
	12/7/2010	NA	0.9129	7.05	7.69	0.64	NA	NA	NA	0.00	0.00	0.00	
	12/28/2010	NA	0.9129	9.31	9.49	0.18	NA	NA	NA	0.00	0.00	0.00	
MW-9 (3-18)	9/4/2009	G&B	0.9129	8.35	17.97	9.62	10.10	10.80	0.70	55.25	0.00	55.25	
	9/10/2009	Port. Pump	0.9074	9.51	19.30	9.79	10.55	10.59	0.04	34.37	0.00	34.37	
	9/16/2009	EFR	0.9074	8.25	17.90	9.65	9.52	10.70	1.18	28.00	0.00	28.00	
	12/17/2009	Port. Pump	0.9074	9.50	17.80	8.30	10.29	10.55	0.26	38.86	0.00	38.86	
	12/29/2009	Pas. Bailer	0.9074	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/8/2010	Pas. Bailer	0.9074	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/14/2010	Pas. Bailer	0.9074	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	
	1/18/2010	Port. Pump	0.9074	9.48	17.60	8.12	9.48	NM	NM	0.50	0.00	0.50	
	1/28/2010	Pas. Bailer	0.9074	9.95	18.00	8.05	NM	NM	NM	0.75	0.00	0.75	
	2/3/2010	G&B	0.9074	10.32	17.90	7.58	14.50	17	2.50	20.00	0.00	20.00	
	2/9/2010	G&B	0.9074	10.61	17.20	6.59	14.00	16.7	2.70	15.00	0.00	15.00	

TABLE 3
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WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)				
MW-9 (3-18)	2/15/2010	Port. Pump	0.9074	9.95	18.00	8.05	10.50	16.5	6.00	14.00	0.00	14.00	
	2/25/2010	Port. Pump	0.9074	10.15	17.81	7.66	10.00	15.55	5.55	8.00	0.00	8.00	
	3/4/2010	Port. Pump	0.9074	8.39	17.77	9.38	9.13	17.4	8.27	7.00	0.00	7.00	
	3/8/2010	Port. Pump	0.9074	9.20	17.80	8.60	10.05	15.05	5.00	13.00	0.00	13.00	
	3/15/2010	Port. Pump	0.9074	8.57	17.50	8.93	8.77	17.31	8.54	3.50	0.00	3.50	Equipment Malfunction
	3/23/2010	Port. Pump	0.9074	8.83	17.75	8.92	11.42	19.3	7.88	17.00	0.00	17.00	
	4/1/2010	Port. Pump	0.9074	9.10	17.48	8.38	10.86	12.75	1.89	20.00	0.00	20.00	
	4/5/2010	Port. Pump	0.9074	9.04	17.80	8.76	10.19	12.75	2.56	15.00	0.00	15.00	
	4/12/2010	Port. Pump	0.9074	9.00	17.72	8.72	10.90	12.84	1.94	22.00	0.00	22.00	
	4/20/2010	Port. Pump	0.9074	8.95	16.86	7.91	10.95	12.7	1.75	23.00	0.00	23.00	
	4/29/2010	Port. Pump	0.9074	8.97	17.81	8.84	10.37	14.55	4.18	25.00	0.00	25.00	
	5/5/2010	Port. Pump	0.9074	8.82	17.80	8.98	10.81	14.91	4.10	22.00	0.00	22.00	
	5/10/2010	Port. Pump	0.9074	9.11	16.95	7.84	10.84	11.5	0.66	20.00	0.00	20.00	
	5/17/2010	Port. Pump	0.9074	9.24	17.90	8.66	9.80	14.85	5.05	9.00	0.00	9.00	Pump malfunction
	5/24/2010	Port. Pump	0.9074	8.73	18.03	9.30	9.52	17.31	7.79	15.00	0.00	15.00	
	6/2/2010	Port. Pump	0.9074	8.91	17.56	8.65	9.56	14.85	5.29	20.00	0.00	20.00	
	6/7/2010	Port. Pump	0.9074	9.03	18.04	9.01	10.12	13.74	3.62	21.00	0.00	21.00	
	6/14/2010	Port. Pump	0.9074	9.09	17.60	8.51	10.80	12.04	1.24	21.00	0.00	21.00	
	6/24/2010	Port. Pump	0.9074	8.56	17.86	9.30	11.21	12.5	1.29	18.00	0.00	18.00	
	6/30/2010	Port. Pump	0.9074	8.85	17.20	8.35	10.35	11.55	1.20	20.00	0.00	20.00	
	7/6/2010	Port. Pump	0.9074	8.46	17.81	9.35	9.33	12.21	2.88	20.00	0.00	20.00	

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LNAPL RECOVERY SUMMARY

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WELL ID	DATE	LNAPL RECOVER Y METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERE D	WATER RECOVERE D	TOTAL LIQUID RECOVERE D	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)				
MW-9 (3-18)	7/12/2010	Port. Pump	0.9074	8.46	17.91	9.45	10.60	10.99	0.39	15.00	0.00	15.00	
	7/19/2010	Port. Pump	0.9074	8.50	17.99	9.49	9.48	10.74	1.26	25.00	0.00	25.00	
	7/26/2010	Port. Pump	0.9074	8.75	17.72	8.97	10.30	12.76	2.46	19.00	0.00	19.00	
	8/2/2010	Port. Pump	0.9074	9.18	17.61	8.43	11.16	12.89	1.73	18.00	0.00	18.00	
	8/9/2010	Port. Pump	0.9074	9.05	17.71	8.66	10.72	12.25	1.53	19.50	0.00	19.50	
	8/16/2010	Port. Pump	0.9074	9.30	17.81	8.51	11.35	12.86	1.51	17.00	0.00	17.00	
	8/24/2010	Port. Pump	0.9074	8.76	18.00	9.24	9.74	11.05	1.31	18.00	0.00	18.00	
	8/30/2010	Port. Pump	0.9074	9.10	17.03	7.93	10.93	11.53	0.60	20.00	0.00	20.00	
	9/8/2010	Port. Pump	0.9074	8.20	17.00	8.80	10.16	14.11	3.95	19.00	0.00	19.00	
	9/16/2010	Port. Pump	0.9074	9.05	17.80	8.75	10.65	15.77	5.12	18.00	0.00	18.00	
	9/20/2010	Port. Pump	0.9074	8.87	17.62	8.75	10.82	12.71	1.89	21.00	0.00	21.00	
	9/27/2010	Port. Pump	0.9074	8.88	17.87	8.99	10.43	13.05	2.62	21.00	0.00	21.00	
	10/4/2010	Port. Pump	0.9074	8.51	16.16	7.65	10.00	12.7	2.70	23.00	0.00	23.00	
	10/13/2010	Port. Pump	0.9074	9.08	17.81	8.73	10.35	13.8	3.45	18.00	0.00	18.00	
	10/18/2010	Port. Pump	0.9074	9.11	17.90	8.79	10.74	15.4	4.66	14.50	0.00	14.50	
	10/25/2010	Port. Pump	0.9074	9.27	17.01	7.74	12.01	14.08	2.07	20.00	0.00	20.00	
	11/1/2010	Port. Pump	0.9074	9.92	18.96	9.04	11.44	13.14	1.70	20.00	0.00	20.00	
	11/8/2010	Port. Pump	0.9074	9.48	18.05	8.57	11.71	14.61	2.90	24.00	0.00	24.00	
	11/15/2010	Port. Pump	0.9074	9.70	18.01	8.31	16.25	17.51	1.26	24.00	0.00	24.00	
	11/22/2010	Port. Pump	0.9074	9.93	18.34	8.41	11.93	12.98	1.05	18.00	0.00	18.00	
	12/1/2010	Port. Pump	0.9074	9.85	17.00	7.15	12.53	13.67	1.14	8.50	0.00	8.50	
	12/7/2010	Port. Pump	0.9074	10.30	18.10	7.80	12.30	14.8	2.50	18.50	0.00	18.50	
	12/13/2010	Port. Pump	0.9074	10.50	17.93	7.43	12.71	13.33	0.62	26.00	0.00	26.00	
	12/20/2010	Port. Pump	0.9074	10.15	18.53	8.38	12.51	13.36	0.85	22.00	0.00	22.00	
	1/17/2011	Port. Pump	0.9074	10.65	17.53	6.88	13.03	13.56	0.53	22.00	0.00	22.00	Well pumped twice
	1/24/2011	NA	0.9074	10.32	17.60	7.28	NM	NM	NM	0.00	0.00	0.00	Equipment malfunction

TABLE 3
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WELL ID	DATE	LNAPL RECOVER Y METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVER D	WATER RECOVER D	TOTAL LIQUID RECOVER D	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)				
MW-14 (7.5-27.5)	5/3/2010	Pnem. Pump	0.9074	20.72	26.65	5.93	22.20	22.35	0.15	7.30	0.00	7.30	
	5/28/2010	Port. Pump	0.9086	20.78	25.75	4.97	23.00	24.08	1.08	6.00	0.00	6.00	
	6/3/2010	Port. Pump	0.9086	20.80	26.55	5.75	22.65	24.29	1.64	6.50	0.00	6.50	
	6/8/2010	Port. Pump	0.9086	21.15	26.55	5.40	23.30	23.5	0.20	5.50	0.00	5.50	
	6/15/2010	Port. Pump	0.9086	21.20	26.80	5.60	23.30	24	0.70	5.00	0.50	5.50	
	6/25/2010	Port. Pump	0.9086	21.15	24.86	3.71	23.20	24.85	1.65	5.50	0.00	5.50	
	7/1/2010	Port. Pump	0.9086	21.10	25.83	4.73	23.17	24.58	1.41	5.00	0.00	5.00	
	7/7/2010	Port. Pump	0.9086	20.85	26.71	5.86	22.79	24.03	1.24	5.00	0.00	5.00	
	7/13/2010	Port. Pump	0.9086	20.85	26.61	5.76	23.00	23.65	0.65	5.50	0.00	5.50	
	7/23/2010	Port. Pump	0.9086	20.94	26.10	5.16	23.00	24.08	1.08	5.00	0.00	5.00	
	7/27/2010	Port. Pump	0.9086	21.20	26.92	5.72	23.50	24.09	0.59	5.00	0.00	5.00	
	8/3/2010	Port. Pump	0.9086	21.31	25.51	4.20	23.52	24.71	1.19	5.00	0.00	5.00	
	8/10/2010	Port. Pump	0.9086	21.47	26.60	5.13	23.76	25	1.24	5.50	0.00	5.50	
	8/17/2010	Port. Pump	0.9086	21.45	26.00	4.55	22.83	24.37	1.54	5.00	0.00	5.00	
	8/25/2010	Port. Pump	0.9086	21.22	26.14	4.92	23.59	26.97	3.38	4.75	0.00	4.75	
	8/31/2010	Port. Pump	0.9086	21.41	23.96	2.55	23.43	24.97	1.54	4.25	0.00	4.25	
	9/9/2010	Port. Pump	0.9086	21.42	26.70	5.28	23.95	25.6	1.65	5.00	0.00	5.00	
	9/17/2010	NA	0.9086	21.45	26.70	5.25	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	9/21/2010	NA	0.9086	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/5/2010	NA	0.9086	21.70	26.73	5.03	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/14/2010	NA	0.9086	21.35	26.98	5.63	NM	NM	NM	0.00	0.00	0.00	Data logger in well for tidal study
	10/19/2010	Port. Pump	0.9086	21.55	26.76	5.21	23.80	24.95	1.15	5.00	0.00	5.00	
	10/26/2010	Port. Pump	0.9086	21.78	26.35	4.57	24.37	25.70	1.33	5.00	0.00	5.00	
	11/2/2010	Port. Pump	0.9086	22.18	25.19	3.01	24.11	25.30	1.19	3.50	0.00	3.50	

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WELL ID	DATE	LNAPL RECOVER Y METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVER D	WATER RECOVER D	TOTAL LIQUID RECOVER D	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)				
MW-14 (7.5-27.5)	11/9/2010	Port. Pump	0.9086	22.10	25.90	3.80	24.45	24.90	0.45	5.00	0.00	5.00	
	11/16/2010	Port. Pump	0.9086	22.03	25.21	3.18	24.62	25.44	0.82	5.50	0.00	5.50	
	11/23/2010	Port. Pump	0.9086	22.15	26.21	4.06	24.45	25.43	0.98	4.50	0.00	4.50	
	12/2/2010	Port. Pump	0.9086	22.51	26.37	3.86	24.75	25.36	0.61	5.00	0.00	5.00	
	12/8/2010	Port. Pump	0.9086	22.75	26.70	3.95	24.63	25.47	0.84	5.00	0.00	5.00	
	12/14/2010	Port. Pump	0.9086	22.62	26.30	3.68	25.44	26.00	0.56	4.25	0.00	4.25	
	12/21/2010	Port. Pump	0.9086	22.63	27.01	4.38	24.71	25.66	0.95	4.25	0.00	4.25	
	1/6/2011	Port. Pump	0.9086	22.21	24.72	2.51	23.81	23.89	0.08	4.00	0.00	4.00	
MW-16 (10.5-30.5)	1/14/2011	Port. Pump	0.9086	22.71	26.54	3.83	24.92	25.78	0.86	4.75	0.00	4.75	
	1/18/2011	Port. Pump	0.9086	22.78	24.51	1.73	24.03	24.76	0.73	4.00	0.00	4.00	
	6/3/2010	NA	0.9086	21.30	21.31	0.01	NA	NA	NA	0.00	0.00	0.00	
	6/8/2010	NA	0.91**	20.48	20.50	0.02	NA	NA	NA	0.00	0.00	0.00	
	6/15/2010	NA	0.91**	20.59	20.61	0.02	NA	NA	NA	0.00	0.00	0.00	
	6/25/2010	NA	0.91**	ND	20.61	ND	NA	NA	NA	0.00	0.00	0.00	
	7/1/2010	NA	0.91**	ND	20.69	ND	NA	NA	NA	0.00	0.00	0.00	
	7/7/2010	NA	0.91**	ND	20.63	ND	NA	NA	NA	0.00	0.00	0.00	
	7/13/2010	NA	0.91**	ND	20.65	ND	NA	NA	NA	0.00	0.00	0.00	
	7/23/2010	NA	0.91**	ND	20.95	ND	NA	NA	NA	0.00	0.00	0.00	
	7/27/2010	NA	0.91**	ND	20.84	ND	NA	NA	NA	0.00	0.00	0.00	
	8/3/2010	NA	0.91**	ND	20.92	ND	NA	NA	NA	0.00	0.00	0.00	
	8/10/2010	NA	0.91**	ND	20.97	ND	NA	NA	NA	0.00	0.00	0.00	
	8/17/2010	NA	0.91**	ND	19.10	ND	NA	NA	NA	0.00	0.00	0.00	
	8/31/2010	NA	0.91**	ND	18.93	ND	NA	NA	NA	0.00	0.00	0.00	
	10/26/2010	NA	0.91**	ND	21.30	ND	NA	NA	NA	0.00	0.00	0.00	
	1/25/2011	NA	0.91**	22.00	22.52	0.52	NA	NA	NA	0.00	0.00	0.00	

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WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-17 (8.5-25.5)	4/19/2010	Port. Pump	0.91**	15.43	20.58	5.15	19.33	19.85	0.52	1.20	0.00	1.20	
	4/27/2010	Spill Buster	0.9122	15.45	18.20	2.75	15.70	15.84	0.14	1.20	0.00	1.20	
	5/11/2010	EFR	0.9122	15.56	21.30	5.74	16.70	16.71	0.01	20.00	0.00	20.00	
	5/28/2010	Port. Pump	0.9122	15.29	20.80	5.51	16.35	17.71	1.36	1.00	0.00	1.00	
	6/3/2010	Port. Pump	0.9122	15.21	20.30	5.09	17.30	20.02	2.72	1.00	0.00	1.00	Silt clogged pump screen
	6/8/2010	Port. Pump	0.9122	15.50	21.50	6.00	18.55	20.7	2.15	1.50	0.00	1.50	
	6/15/2010	Port. Pump	0.9122	15.56	21.55	5.99	17.57	21.5	3.93	1.00	0.00	1.00	
	6/25/2010	Port. Pump	0.9122	15.40	21.51	6.11	17.41	21.6	4.19	1.00	0.00	1.00	
	7/1/2010	Port. Pump	0.9122	15.35	21.05	5.70	19.55	22.01	2.46	1.00	0.00	1.00	
	7/7/2010	Port. Pump	0.9122	15.18	20.35	5.17	17.51	19.58	2.07	1.00	0.00	1.00	
	7/13/2010	Port. Pump	0.9122	15.12	20.26	5.14	19.50	20.61	1.11	1.50	0.00	1.50	
	7/23/2010	Port. Pump	0.9122	15.10	21.98	6.88	19.70	20.97	1.27	1.50	0.00	1.50	
	7/27/2010	Port. Pump	0.9122	15.25	22.05	6.80	19.30	21.98	2.68	1.00	0.00	1.00	
	8/3/2010	Port. Pump	0.9122	15.37	22.89	7.52	18.65	20.06	1.41	1.00	0.00	1.00	
	8/10/2010	Port. Pump	0.9122	15.48	22.90	7.42	21.64	22.23	0.59	2.00	0.00	2.00	
	8/17/2010	Port. Pump	0.9122	15.55	21.21	5.66	21.73	23.01	1.28	1.00	0.00	1.00	
	8/25/2010	Port. Pump	0.9122	15.39	22.02	6.63	21.05	22	0.95	1.50	0.00	1.50	
	8/31/2010	Port. Pump	0.9122	15.51	21.33	5.82	20.87	21.26	0.39	1.50	0.00	1.50	
	9/9/2010	Port. Pump	0.9122	15.49	22.30	6.81	21.05	22.61	1.56	1.25	0.00	1.25	
	9/17/2010	Port. Pump	0.9122	15.53	22.28	6.75	21.90	22.68	0.78	1.75	0.00	1.75	
	9/20/2010	Port. Pump	0.9122	15.59	21.41	5.82	21.94	22.63	0.69	1.25	0.00	1.25	
	9/27/2010	Port. Pump	0.9122	15.50	22.10	6.60	21.82	22.05	0.23	2.00	0.00	2.00	
	10/4/2010	Port. Pump	0.9122	15.24	21.46	6.22	19.75	21.85	2.10	1.00	0.00	1.00	
	10/14/2010	Port. Pump	0.9122	15.34	22.95	7.61	20.31	22.39	2.08	2.00	0.00	2.00	
	10/19/2010	Port. Pump	0.9122	15.53	22.96	7.43	18.73	22.37	3.64	1.50	0.00	1.50	
	10/26/2010	Port. Pump	0.9122	15.70	22.95	7.25	21.56	22.49	0.93	1.50	0.00	1.50	
	11/2/2010	Port. Pump	0.9122	16.16	22.98	6.82	22.62	22.93	0.31	1.50	0.00	1.50	
	11/9/2010	Port. Pump	0.9122	16.18	22.05	5.87	22.31	22.5	0.19	1.50	0.00	1.50	
	11/16/2010	Port. Pump	0.9122	16.19	21.72	5.53	21.70	21.75	0.05	1.50	0.00	1.50	
	11/23/2010	Port. Pump	0.9122	16.33	23.00	6.67	22.31	22.46	0.15	1.75	0.00	1.75	
	12/2/2010	Port. Pump	0.9122	16.61	19.87	3.26	22.66	22.8	0.14	1.50	0.00	1.50	
	12/8/2010	Port. Pump	0.9122	16.75	23.92	7.17	17.53	17.69	0.16	1.50	0.00	1.50	
	12/14/2010	Port. Pump	0.9122	16.75	21.02	4.27	22.53	22.87	0.34	0.50	0.00	0.50	
	12/21/2010	Port. Pump	0.9122	16.50	19.80	3.30	22.93	23.11	0.18	1.50	0.00	1.50	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-17 (8.5-25.5)	1/6/2011	Port. Pump	0.9122	16.14	19.84	3.70	21.83	22.96	1.13	1.50	0.00	1.50	
	1/14/2011	Port. Pump	0.9122	17.57	20.82	3.25	22.06	22.77	0.71	1.25	0.00	1.25	
	1/18/2011	Port. Pump	0.9122	15.61	19.62	4.01	17.45	19.62	2.17	0.50	0.00	0.50	
	1/25/2011	Port. Pump	0.9122	16.65	17.23	0.58	NM	NM	NM	0.00	0.00	0.00	Equipment malfunction
MW-19 (11.5-31.5)	6/3/2010	Port. Pump	0.9122	21.10	22.15	1.05	21.15	21.5	0.35	0.50	0.50	1.00	
	6/8/2010	Port. Pump	0.9087	21.25	22.10	0.85	21.30	21.75	0.45	0.75	0.00	0.75	
	6/15/2010	Port. Pump	0.9087	21.29	21.98	0.69	21.35	21.93	0.58	1.00	0.50	1.50	
	6/25/2010	NA	0.9087	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Inaccessible
	7/7/2010	Port. Pump	0.9087	21.45	23.46	2.01	21.53	21.86	0.33	0.75	0.00	0.75	
	8/3/2010	Port. Pump	0.9087	21.66	22.71	1.05	21.80	22.01	0.21	0.75	0.25	1.00	
	8/31/2010	Port. Pump	0.9087	21.81	22.93	1.12	22.01	22.07	0.06	1.50	0.00	1.50	
	9/9/2010	NA	0.9087	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Inaccessible
	9/17/2010	Port. Pump	0.9087	21.92	22.91	0.99	21.92	22.91	0.99	1.00	0.00	1.00	
	9/20/2010	Port. Pump	0.9087	21.86	22.71	0.85	21.95	22.2	0.25	1.25	0.00	1.25	
	10/5/2010	Port. Pump	0.9087	21.56	22.29	0.73	21.59	21.94	0.35	0.50	0.00	0.50	
	10/14/2010	Port. Pump	0.9087	21.88	22.82	0.94	21.90	22.55	0.65	1.00	0.00	1.00	
	10/19/2010	Port. Pump	0.9087	21.99	22.99	1.00	22.04	22.22	0.18	1.00	0.00	1.00	
	10/26/2010	Port. Pump	0.9087	22.11	23.13	1.02	22.14	22.80	0.66	0.50	0.00	0.50	
	11/2/2010	Port. Pump	0.9087	22.34	23.45	1.11	22.39	23.10	0.71	1.00	0.00	1.00	
	11/9/2010	Port. Pump	0.9087	22.33	23.46	1.13	22.34	22.47	0.13	0.50	0.00	0.50	
	11/16/2010	Port. Pump	0.9087	22.18	22.92	0.74	22.24	22.70	0.46	0.50	0.00	0.50	
	12/2/2010	Port. Pump	0.9087	22.45	23.49	1.04	22.51	23.32	0.81	1.00	0.00	1.00	
	12/8/2010	Port. Pump	0.9087	22.26	25.43	3.17	22.71	23.52	0.81	1.50	0.00	1.50	
	12/14/2010	Port. Pump	0.9087	22.18	24.27	2.09	22.83	23.02	0.19	1.25	0.00	1.25	
	12/21/2010	NA	0.9087	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Inaccessible
	1/14/2011	Port. Pump	0.9087	22.67	24.20	1.53	23.87	24.11	0.24	1.00	0.00	1.00	
	1/18/2011	Port. Pump	0.9087	22.75	24.03	1.28	22.96	23.21	0.25	0.75	0.00	0.75	
	1/25/2011	NA	0.9087	22.67	24.24	1.57	NM	NM	NM	0.00	0.00	0.00	Equipment Malfunction
MW-22 (14.5-34.5)	6/24/2010	NA	0.9087	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Inaccessible
	10/19/2010	Port. Pump	0.9092	26.09	27.91	1.82	26.30	26.66	0.36	1.20	0.00	1.20	
	11/2/2010	NA	0.9092	NM	NM	NM	NM	NM	NM	0.00	0.00	0.00	Inaccessible

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVER Y METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERE D	WATER RECOVERE D	TOTAL LIQUID RECOVERE D	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNES S (Feet)				
MW-23 (10.5- 24.5)	6/3/2010	Port. Pump	0.9092	17.49	23.04	5.55	20.60	21.2	0.60	0.75	0.25	1.00	
	6/8/2010	Port. Pump	0.9094	17.60	23.80	6.20	22.31	22.89	0.58	2.00	0.00	2.00	
	6/14/2010	Port. Pump	0.9094	17.89	23.90	6.01	19.01	22.72	3.71	1.50	0.00	1.50	
	6/25/2010	Port. Pump	0.9094	17.78	23.70	5.92	20.01	23.51	3.50	1.75	0.00	1.75	
	7/1/2010	Port. Pump	0.9094	17.71	23.73	6.02	22.95	23.2	0.25	2.00	0.00	2.00	
	7/7/2010	Port. Pump	0.9094	17.48	23.59	6.11	21.23	23	1.77	1.00	0.00	1.00	
	7/13/2010	Port. Pump	0.9094	17.42	23.55	6.13	20.70	21.96	1.26	1.25	0.00	1.25	
	7/23/2010	Port. Pump	0.9094	17.90	23.51	5.61	20.50	21.12	0.62	1.50	0.00	1.50	
	7/27/2010	Port. Pump	0.9094	17.65	23.71	6.06	20.65	22.47	1.82	1.00	0.00	1.00	
	8/3/2010	Port. Pump	0.9094	17.79	23.78	5.99	22.91	23.46	0.55	2.00	0.00	2.00	
	8/10/2010	Port. Pump	0.9094	17.90	23.70	5.80	21.75	23.46	1.71	1.50	0.00	1.50	
	8/17/2010	Port. Pump	0.9094	18.00	23.75	5.75	22.82	23.3	0.48	2.50	0.00	2.50	
	8/25/2010	Port. Pump	0.9094	17.20	23.10	5.90	20.73	22.51	1.78	1.50	0.00	1.50	
	8/31/2010	Port. Pump	0.9094	17.91	23.32	5.41	20.99	21.19	0.20	1.50	0.00	1.50	
	9/9/2010	Port. Pump	0.9094	17.80	23.72	5.92	22.05	23.05	1.00	1.75	0.00	1.75	
	9/17/2010	Port. Pump	0.9094	17.92	23.05	5.13	22.08	22.88	0.80	2.00	0.00	2.00	
	9/21/2010	Port. Pump	0.9094	17.97	23.70	5.73	22.45	23	0.55	2.00	0.00	2.00	
	9/27/2010	Port. Pump	0.9094	18.05	23.80	5.75	22.37	22.59	0.22	1.50	0.00	1.50	
	10/5/2010	Port. Pump	0.9094	17.63	23.55	5.92	20.51	22.46	1.95	1.30	0.00	1.30	
	10/14/2010	Port. Pump	0.9094	17.74	23.76	6.02	21.99	22.92	0.93	1.00	0.00	1.00	
	10/19/2010	Port. Pump	0.9094	17.92	23.77	5.85	19.82	22.75	2.93	1.50	0.00	1.50	
	10/26/2010	Port. Pump	0.9094	18.16	23.83	5.67	21.29	23.22	1.93	1.50	0.00	1.50	
	11/2/2010	Port. Pump	0.9094	18.54	24.82	6.28	22.30	22.55	0.25	1.50	0.00	1.50	
	11/9/2010	Port. Pump	0.9094	18.52	23.35	4.83	22.16	22.66	0.50	1.00	0.00	1.00	
	11/16/2010	Port. Pump	0.9094	18.51	23.89	5.38	22.72	22.89	0.17	1.25	0.00	1.25	
	11/23/2010	Port. Pump	0.9094	18.65	22.51	3.86	22.51	22.73	0.22	1.50	0.00	1.50	
	12/2/2010	Port. Pump	0.9094	18.19	23.60	5.41	21.72	22.71	0.99	2.00	0.00	2.00	
	12/8/2010	Port. Pump	0.9094	19.12	23.92	4.80	22.50	23.2	0.70	1.50	0.00	1.50	
	12/14/2010	Port. Pump	0.9094	18.97	23.81	4.84	22.62	23.09	0.47	1.50	0.00	1.50	
	12/21/2010	Port. Pump	0.9094	19.10	23.90	4.80	22.73	23.23	0.50	1.50	0.00	1.50	
	1/6/2011	Port. Pump	0.9094	18.59	23.81	5.22	23.08	23.27	0.19	0.75	0.00	0.75	
	1/14/2011	Port. Pump	0.9094	18.14	23.61	5.47	22.53	23.01	0.48	2.00	0.00	2.00	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)				
MW-24 (5.5-25.5)	4/19/2010	Port. Pump	0.9094	15.19	24.00	8.81	16.07	16.52	0.45	9.00	0.00	9.00	
	4/28/2010	Spill Buster	0.9034	15.00	22.81	7.81	15.78	15.89	0.11	17.00	0.00	17.00	
	5/4/2010	Pnem. Pump	0.9034	15.11	23.89	8.78	15.90	16.1	0.20	17.43	0.00	17.43	
	5/18/2010	EFR	0.9034	15.31	24.35	9.04	16.02	16.12	0.10	76.00	0.00	76.00	
	5/28/2010	NA	0.9034	15.10	23.65	8.55	NA	NA	NA	0.00	0.00	0.00	Pump malfunction
	6/3/2010	Port. Pump	0.9034	15.17	24.51	9.34	16.10	16.55	0.45	14.00	0.00	14.00	
	6/8/2010	Port. Pump	0.9034	15.47	24.32	8.85	16.50	17.08	0.58	9.50	0.00	9.50	
	6/15/2010	Port. Pump	0.9034	15.54	24.31	8.77	16.47	17.2	0.73	12.00	0.00	12.00	
	6/25/2010	Port. Pump	0.9034	15.31	22.67	7.36	16.31	16.79	0.48	6.00	0.00	6.00	
	7/1/2010	Port. Pump	0.9034	15.32	23.50	8.18	16.21	16.43	0.22	12.00	0.00	12.00	
	7/7/2010	Port. Pump	0.9034	15.15	24.63	9.48	16.10	16.9	0.80	9.00	0.00	9.00	
	7/13/2010	Port. Pump	0.9034	15.10	24.12	9.02	16.10	17.06	0.96	10.00	0.00	10.00	
	7/23/2010	Port. Pump	0.9034	15.24	23.97	8.73	16.15	16.8	0.65	12.00	0.00	12.00	
	7/27/2010	Port. Pump	0.9034	15.50	24.32	8.82	16.42	17.11	0.69	12.00	0.00	12.00	
	8/3/2010	Port. Pump	0.9034	15.59	24.68	9.09	16.51	17.43	0.92	12.00	0.00	12.00	
	8/10/2010	Port. Pump	0.9034	15.72	24.65	8.93	16.72	17.51	0.79	10.50	0.00	10.50	
	8/17/2010	Port. Pump	0.9034	15.80	24.47	8.67	16.62	17.21	0.59	12.50	0.00	12.50	
	8/25/2010	Port. Pump	0.9034	15.54	24.05	8.51	16.85	17.00	0.15	9.50	0.00	9.50	
	8/31/2010	Port. Pump	0.9034	15.75	24.71	8.96	16.53	17.13	0.60	9.50	0.00	9.50	
	9/9/2010	Port. Pump	0.9034	15.70	24.50	8.80	16.52	17.95	1.43	12.00	0.00	12.00	
	9/17/2010	Port. Pump	0.9034	15.84	24.11	8.27	16.74	17.15	0.41	10.00	0.00	10.00	
	9/24/2010	Port. Pump	0.9034	15.89	24.30	8.41	16.75	17.76	1.01	10.50	0.00	10.50	
	9/27/2010	Port. Pump	0.9034	15.72	24.10	8.38	16.70	17.45	0.75	9.00	0.00	9.00	
	10/5/2010	Port. Pump	0.9034	15.51	23.82	8.31	16.35	16.95	0.60	7.00	0.00	7.00	
	10/14/2010	Port. Pump	0.9034	15.77	24.42	8.65	16.56	18.22	1.66	7.50	0.00	7.50	
	10/19/2010	Port. Pump	0.9034	15.93	24.02	8.09	16.72	17.24	0.52	13.00	0.00	13.00	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESSES (Feet)				
MW-24 (5.5-25.5)	10/26/2010	Port. Pump	0.9034	16.17	24.63	8.46	16.83	19.55	2.72	10.50	0.00	10.50	
	11/2/2010	Port. Pump	0.9034	16.58	24.75	8.17	17.40	18.50	1.10	10.00	0.00	10.00	
	11/9/2010	Port. Pump	0.9034	16.51	24.65	8.14	17.39	17.74	0.35	11.00	0.00	11.00	
	11/16/2010	Port. Pump	0.9034	16.49	24.82	8.33	17.61	18.69	1.08	14.50	0.00	14.50	
	11/23/2010	Port. Pump	0.9034	16.61	24.83	8.22	17.31	18.17	0.86	12.00	0.00	12.00	
	12/2/2010	Port. Pump	0.9034	16.91	24.75	7.84	18.01	18.39	0.38	12.50	0.00	12.50	
	12/8/2010	Port. Pump	0.9034	17.11	24.32	7.21	17.65	17.97	0.32	12.50	0.00	12.50	
	12/14/2010	Port. Pump	0.9034	17.05	24.87	7.82	17.86	18.71	0.85	13.00	0.00	13.00	
	12/21/2010	Port. Pump	0.9034	17.04	24.68	7.64	18.21	19.14	0.93	12.00	0.00	12.00	
	1/6/2011	Port. Pump	0.9034	16.61	24.60	7.99	17.75	17.95	0.20	12.00	0.00	12.00	
	1/14/2011	Port. Pump	0.9034	16.97	24.11	7.14	18.40	19.36	0.96	12.50	0.00	12.50	
	1/18/2011	Port. Pump	0.9034	17.01	21.87	4.86	20.39	21.65	1.26	4.50	0.00	4.50	
	1/25/2011	Port. Pump	0.9034	16.90	24.05	7.15	NM	NM	NM	0.00	0.00	0.00	
TOTALS:										2,581.32	7.00	2,588.32	

Notes:

LNAPL - light Non-aqueous phase liquid
g/cm³ - grams per centimeter cubed
** - estimated value based on surrounding wells
EFR - enhanced fluid recovery
G&B - Gauge and bail
Pas. Bailer - Passive Bailer
Port. Pump - Portable Pump
Specific gravity based on a one time sampling event

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (Screen Interval fbg)	Date	Acetone	Benzene	Bromo- chloro- methane	Bromo- dichloro- methane	Bromoform	Bromo- methane	2-Butanone (MEK)	Carbon disulfide	Carbon Tetra- chloride	Chloro- benzene	Chloro- ethane
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
MW-1(6-18)	4/7/2009	<10	33.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/29/2009	<10	27.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/26/2009	<10	34.5	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/20/2010	<10	27.2	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/23/2010	<10	33.5	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	04/23/2010*FD	<10	34.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/21/2010	<10	26.6	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	07/21/2010*FD	<10	26.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/18/2010	<20	11.6	<10	<2.0	<8.0	<4.0	<20	<4.0	<2.0	<2.0	<2.0
	1/10/2011	<10	14.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	812 J	<50 J	<250 J	<50 J	<200 J	<100 J	<500 J	<100 J	<50 J	<50 J	<50 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	298	9.8	<5.0	<1.0	<4.0	<2.0	96.5	1.7 J	<1.0	1.2	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	39.7 J	6.0	<25	<5.0	<20	<10	10.8 J	<10	<5.0	<5.0	<5.0
	10/21/2010	<20	6.4	<10	<2.0	<8.0	<4.0	70.6	3.2 J	<2.0	1.0 J	<2.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	8.0 J	14.2	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	859
	1/26/2010	<10	21.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1170
	01/26/2010*FD	<10	21.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1170
	4/26/2010	<10	20.9	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1120
	7/21/2010	<100	27.2	<50	<10	<40	<20	<100	<20	<10	<10	1240
	10/19/2010	<20	19.9	<10	<2.0	<8.0	<4.0	<20	<4.0	<2.0	<2.0	780
	10/19/2010*FD	<20	18.3	<10	<2.0	<8.0	<4.0	<20	<4.0	<2.0	<2.0	711

TABLE 4
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Sample ID (Screen Interval fbg)	Date	Chloroform	Chloro- methane	Cyclo- hexane	1,2-Dibromo-3- Chloropropane	Dibromo- chloro- methane	1,2- Dibromo- ethane	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	Dichloro- difluoro- methane	1,1-Dichloro- ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<1.0	<1.0	4.1 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	29.7
	7/29/2009	<1.0	<1.0	3.2 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	27.4
	10/26/2009	<1.0	<1.0	2.9 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	41.0
	1/20/2010	<1.0	<1.0	2.6 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	28.7
	4/23/2010	<1.0	<1.0	3.0 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	23.5
	04/23/2010*FD	<1.0	<1.0	3.1 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	22.9
	7/21/2010	<1.0	<1.0	3.0 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	26.9
	07/21/2010*FD	<1.0	<1.0	3.1 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	27.7
	10/18/2010	<2.0	<2.0	<10	<20	<2.0	<4.0	<2.0	<2.0	<2.0	<10	21.1
	1/10/2011	<1.0	<1.0	2.6 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	39.4
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<50 J	<50 J	<250 J	<500 J	<50 J	<100 J	<50 J	<50	<50 J	<250 J	<50 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	6.7	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	8.3
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	3.8 J	<5.0	<25	<50	<5.0	<10	<5.0	<5.0	<5.0	<25	7.6
	10/21/2010	5.7	<2.0	<10	<20	<2.0	<4.0	<2.0	<2.0	<2.0	<10	8.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<1.0	<1.0	9.4	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/26/2010	<1.0	<1.0	16.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	01/26/2010*FD	<1.0	<1.0	16.4	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/26/2010	<1.0	0.32 J	11.5	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/21/2010	<10	<10	<50	<100	<10	<20	<10	<10	<10	<50	<10
	10/19/2010	<2.0	<2.0	11.3	<20	<2.0	<4.0	<2.0	<2.0	<2.0	<10	<2.0
	10/19/2010*FD	<2.0	<2.0	11.3	<20	<2.0	<4.0	<2.0	<2.0	<2.0	<10	<2.0

TABLE 4
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Sample ID (Screen Interval fbg)	Date	1,2-Dichloro- ethane (EDC)	1,1-Dichloro- ethene	cis-1,2- Dichloro- ethene	trans-1,2- Dichloro- ethene	1,2-Dichloro- propane	cis-1,3- Dichloro- propene	trans-1,3- Dichloro- propene	1,4- Dioxane	Ethyl- benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<1.0	<1.0	6.8	0.87 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/29/2009	<1.0	<1.0	20.9	1.4	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/26/2009	<1.0	<1.0	28.0	1.8	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/20/2010	<1.0	<1.0	15.1	1.2	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	3.6	0.65 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	04/23/2010*FD	<1.0	<1.0	3.4	0.58 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	3.3	0.69 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	07/21/2010*FD	<1.0	<1.0	3.7	0.81 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/18/2010	<2.0	<2.0	3.7	<2.0	<2.0	<2.0	<2.0	<250	<2.0	<10	<10
	1/10/2011	<1.0	<1.0	3.0	0.57 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<50 J	<50 J	<50 J	<50 J	<50 J	<50 J	<50 J	<6300 J	<50 J	<250 J	<250 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	17.2	<1.0	81.1	1.7	<1.0	<1.0	<1.0	<130	1.9	<5.0	7.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	16.2	<5.0	61.2	1.7 J	<5.0	<5.0	<5.0	<630	1.9 J	<25	<25
	10/21/2010	15.9	<2.0	50.1	1.2 J	<2.0	<2.0	<2.0	<250	1.8 J	<10	3.2 J
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<1.0	<1.0	0.25 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.41 J	<5.0	<5.0
	01/26/2010*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.41 J	<5.0	<5.0
	4/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.30 J	<5.0	<5.0
	7/21/2010	<10	<10	<10	<10	<10	<10	<10	<1300	<10	<50	<50
	10/19/2010	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<250	<2.0	<10	<10
	10/19/2010*FD	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<250	<2.0	<10	<10

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID (Screen Interval fbg)	Date	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	2.2	<5.0 J	5.8	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.33 J	<5.0	<5.0
	7/29/2009	1.9 J	<5.0	4.7 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/26/2009	1.6 J	<5.0	4.6 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/20/2010	1.5 J	<5.0	5.1	<1.0	5.5	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	1.9 J	<5.0	4.9 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	04/23/2010*FD	1.9 J	<5.0	4.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/21/2010	1.9 J	<5.0	3.6 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	07/21/2010*FD	1.9 J	<5.0	3.7 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/18/2010	1.3 J	<10	3.2 J	<2.0	<10	<4.0	<10	<2.0	<2.0	<2.0	<10	<10
	1/10/2011	1.5 J	<5.0	3.4 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<100 J	<250 J	<250 J	140 J	<250 J	<100 J	<250 J	<50 J	<50 J	<50 J	<250 J	<250 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<2.0	<5.0	1.4 J	127	8.8	29.7	<5.0	<1.0	14.3	12.2	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<10	<25	<25	98.5	<25	17.5	<25	<5.0	17.6	7.4	<25	<25
	10/21/2010	<4.0	<10	1.5 J	88.7	11.7	16.8	<10	<2.0	17.3	9.2	<10	<10
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	5.7	<5.0	14.7	1.6	<5.0	<2.0	<5.0	<1.0	<1.0	1.3	<5.0	<5.0
	1/26/2010	8.2	<5.0	29.9	1.9	<5.0	<2.0	<5.0	<1.0	<1.0	2.0	<5.0	<5.0
	01/26/2010*FD	8.1	<5.0	31.3	2.0	<5.0	<2.0	<5.0	<1.0	<1.0	2.0	<5.0	<5.0
	4/26/2010	4.8	<5.0	18.0	1.5	<5.0	<2.0	<5.0	<1.0	<1.0	1.5	<5.0	<5.0
	7/21/2010	6.8 J	<50	16.9 J	<10	<50	<20	<50	<10	<10	<10	<50	<50
	10/19/2010	7.1	<10	22.4	1.4 J	<10	<4.0	<10	<2.0	<2.0	1.5 J	<10	<10
	10/19/2010*FD	7.0	<10	22.4	1.4 J	<10	<4.0	<10	<2.0	<2.0	1.5 J	<10	<10

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Sample ID (Screen Interval fbg)	Date	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	Trichloro- ethylene (TCE)	Trichloro- fluoro- methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-1(6-18)	4/7/2009	<1.0	<1.0	0.88 J	<5.0 J	7.8	<1.0	<1.0	<1.0	33.6 J	
	7/29/2009	<1.0	<1.0	2.2	<5.0	19.1	0.35 J	<1.0	0.35 J	27.4 J	
	10/26/2009	<1.0	<1.0	3.0	<5.0	22.2	0.30 J	<1.0	0.30 J	34.8 J	
	1/20/2010	<1.0	<1.0	2.6	<5.0	11.3	0.27 J	<1.0	0.27 J	27.5 J	
	4/23/2010	<1.0	<1.0	1.6	<5.0	4.8	0.29 J	<1.0	0.29 J	33.8 J	
	04/23/2010*FD	<1.0	<1.0	1.6	<5.0	4.3	0.29 J	<1.0	0.29 J	34.7 J	
	7/21/2010	<1.0	<1.0	1.0	<5.0	2.4	0.30 J	<1.0	0.30 J	26.9 J	
	07/21/2010*FD	<1.0	<1.0	1.1	<5.0	2.6	<1.0	<1.0	<1.0	26.3	
	10/18/2010	<2.0	<2.0	0.81 J	<10	3.2	<2.0	<2.0	<2.0	11.6	
	1/10/2011	<1.0	<1.0	0.69 J	<5.0	2.9	<1.0	<1.0	<1.0	14.3	
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-3(3-18)	4/29/2009	<50 J	<50 J	<50 J	<250 J	<50 J	<50 J	<50 J	<50 J	BRL J	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	0.30 J	<1.0	12.7	<5.0	12.5	7.4	3.8	11.2	35.1	Sample collected below LNAPL
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/22/2010	<5.0	<5.0	12.3	<25	5.5	7.5	3.4 J	11.0	26.3 J	Sample collected below LNAPL
	10/21/2010	<2.0	<2.0	10.6	<10	5.0	6.4	3.0	9.3	26.7 J	Sample collected below LNAPL
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL too viscous
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well/well replaced
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4D(13.5-18.5)	10/29/2009	<1.0	<1.0	<1.0	<5.0	<1.0	2.1	0.91 J	3.0	18.5	
	1/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	2.3	1.3	3.6	27.4 J	
	01/26/2010*FD	<1.0	<1.0	<1.0	<5.0	<1.0	2.4	1.3	3.6	27.3 J	
	4/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	2.2	1.0	3.2	25.9 J	
	7/21/2010	<10	<10	<10	<50	<10	3.0 J	<10	3.0 J	30.2 J	
	10/19/2010	<2.0	<2.0	<2.0	<10	<2.0	2.1	1.0 J	3.1	24.5 J	
	10/19/2010*FD	<2.0	<2.0	<2.0	<10	<2.0	2.1	1.0 J	3.1	24.5 J	

TABLE 4
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Sample ID (Screen Interval fbg)	Date	Acetone	Benzene	Bromo- chloro- methane	Bromo- dichloro- methane	Bromoform	Bromo- methane	2-Butanone (MEK)	Carbon disulfide	Carbon Tetra- chloride	Chloro- benzene	Chloro- ethane
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
MW-4D(13.5-18.5)	1/10/2011	<10	17.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	801 ^a
	01/10/2011*FD	<10	18.2	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	840 ^a
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.64 J
	10/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/23/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/15/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.76 J
	1/10/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	2.1
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/30/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	07/30/2009*FD	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/18/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/11/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-11(2-17)	4/8/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	04/08/2009*FD	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/30/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID (Screen Interval fbg)	Date	Chloroform	Chloro- methane	Cyclo- hexane	1,2-Dibromo-3- Chloropropane	Dibromo- chloro- methane	1,2- Dibromo- ethane	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	Dichloro- difluoro- methane	1,1-Dichloro- ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-4D(13.5-18.5)	1/10/2011	<1.0	<1.0	14.2	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	01/10/2011*FD	<1.0	<1.0	14.8	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/15/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/10/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	07/30/2009*FD	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0 J	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/18/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/11/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-11(2-17)	4/8/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	04/08/2009*FD	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Sample ID (Screen Interval fbg)	Date	1,2-Dichloro- ethane (EDC)	1,1-Dichloro- ethene	cis-1,2- Dichloro- ethene	trans-1,2- Dichloro- ethene	1,2-Dichloro- propane	cis-1,3- Dichloro- propene	trans-1,3- Dichloro- propene	1,4- Dioxane	Ethyl- benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-4D(13.5-18.5)	1/10/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.29 J	<5.0	<5.0
	01/10/2011*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.30 J	<5.0	<5.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/28/2009	<1.0	<1.0	0.23 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/15/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/10/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/30/2009	<1.0	<1.0	0.26 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	07/30/2009*FD	<1.0	<1.0	0.23 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	0.29 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/18/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-11(2-17)	1/11/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	04/08/2009*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID (Screen Interval fbg)	Date	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-4D(13.5-18.5)	1/10/2011	6.1	<5.0	24.6	1.6	<5.0	<2.0	<5.0	<1.0	<1.0	1.3	<5.0	<5.0
	01/10/2011*FD	6.3	<5.0	25.8	1.7	<5.0	<2.0	<5.0	<1.0	<1.0	1.3	<5.0	<5.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	0.45 J	<1.0	<5.0	<5.0
	7/28/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/27/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/20/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/15/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/10/2011	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/30/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	07/30/2009*FD	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/27/2009	<2.0	<5.0	0.41 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/20/2010	<2.0	<5.0	0.47 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/22/2010	<2.0	<5.0	0.38 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/20/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/18/2010	<2.0	<5.0	0.36 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-11(2-17)	1/11/2011	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/8/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	04/08/2009*FD	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/30/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/27/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID (Screen Interval fbg)	Date	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	Trichloro- ethylene (TCE)	Trichloro- fluoro- methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-4D(13.5-18.5)	1/10/2011	<1.0	<1.0	<1.0	<5.0	<1.0	2.0	0.99 J	3.0	22.3 J	
	01/10/2011*FD	<1.0	<1.0	<1.0	<5.0	<1.0	2.0	1.1	3.1	22.9 J	
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-8(1-13)	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/23/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/15/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/10/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-10(3-13)	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/30/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	07/30/2009*FD	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/18/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-11(2-17)	1/11/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	04/08/2009*FD	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/30/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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April 2009 through January 2011

Sample ID (Screen Interval fbg)	Date	Acetone	Benzene	Bromo- chloro- methane	Bromo- dichloro- methane	Bromoform	Bromo- methane	2-Butanone (MEK)	Carbon disulfide	Carbon Tetra- chloride	Chloro- benzene	Chloro- ethane
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	27.9	14.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/30/2009	6.4 J	2.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/27/2009	<10	1.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	6.3 J	1.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	7.3 J	1.8	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/11/2011	4.1 J	1.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	10.3	0.28 J	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.72 J
	10/28/2009	46.2	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.82 J
	1/26/2010	9.6 J	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1.0
	4/23/2010	4.6 J	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/20/2010	19.0	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/11/2011	3.3 J	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<10	3.6	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/20/2010	<10	2.6	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID (Screen Interval fbg)	Date	Chloroform	Chloro- methane	Cyclo- hexane	1,2-Dibromo-3- Chloropropane	Dibromo- chloro- methane	1,2- Dibromo- ethane	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	Dichloro- difluoro- methane	1,1-Dichloro- ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<1.0	3.9	6.8	<10	<1.0	<2.0	0.39 J	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<1.0	0.48 J	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/11/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/26/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/11/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<1.0	<1.0	3.4 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/20/2010	<1.0	<1.0	2.7 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID (Screen Interval fbg)	Date	1,2-Dichloro- ethane (EDC)	1,1-Dichloro- ethene	cis-1,2- Dichloro- ethene	trans-1,2- Dichloro- ethene	1,2-Dichloro- propane	cis-1,3- Dichloro- propene	trans-1,3- Dichloro- propene	1,4- Dioxane	Ethyl- benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	7.8	<5.0	<5.0
	7/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	2.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.1	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.35 J	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/11/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/11/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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Sample ID (Screen Interval fbg)	Date	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<5.0	0.65 J	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	4.8	<5.0	11.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	6.8	<5.0	<5.0
	7/30/2009	1.3 J	<5.0	1.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.82 J	<5.0	<5.0
	10/27/2009	0.73 J	<5.0	0.89 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.50 J	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	0.48 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/11/2011	<2.0	<5.0	0.47 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	0.61 J	<5.0	1.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/28/2009	<2.0	<5.0	1.1 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/26/2010	<2.0	<5.0	1.1 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	<2.0	<5.0	0.79 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/22/2010	<2.0	<5.0	0.89 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/20/2010	<2.0	<5.0	1.1 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/11/2011	<2.0	<5.0	0.51 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	0.87 J	<5.0	3.6 J	1.1	<5.0	<2.0	<5.0	<1.0	<1.0	3.1	<5.0	<5.0
	10/20/2010	0.75 J	<5.0	3.6 J	0.53 J	<5.0	<2.0	<5.0	<1.0	<1.0	2.7	<5.0	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID (Screen Interval fbg)	Date	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	Trichloro- ethylene (TCE)	Trichloro- fluoro- methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-13(1-8)	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	35.8	15.9	51.7	81.0	
	7/30/2009	<1.0	<1.0	<1.0	<5.0	<1.0	4.5	3.6	8.1	13.6 J	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	1.3	1.5	2.8	6.1 J	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	0.30 J	<1.0	0.51 J	2.3 J	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	10/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	0.70 J	<1.0	0.70 J	2.5 J	
	1/11/2011	<1.0	<1.0	<1.0	<5.0	<1.0	0.56 J	<1.0	0.56 J	2.0 J	
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	0.67 J	0.91 J	1.19 J	
	10/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	0.39 J	0.39 J	0.39 J	
	1/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	0.35 J	0.56 J	0.56 J	
	4/23/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/11/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	14.1	5.2	19.3	26.0	
	10/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	12.8	5.5	18.2	23.5	
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Long Island City, New York

April 2009 through January 2011

Sample ID (Screen Interval fbg)	Date	Acetone	Benzene	Bromo- chloro- methane	Bromo- dichloro- methane	Bromoform	Bromo- methane	2-Butanone (MEK)	Carbon disulfide	Carbon Tetra- chloride	Chloro- benzene	Chloro- ethane
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
MW-18(17.5-37.5)	9/24/2009	34.4	1.4	<5.0	<1.0	<4.0	<2.0	6.9 J	<2.0	<1.0	<1.0	<1.0
	10/29/2009	18.2	0.91 J	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.75 J
	1/26/2010	7.8 J	0.50 J	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/22/2010	4.3 J	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	9.9 J	0.24 J	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<10	0.42 J	<5.0	<1.0	<4.0	<2.0 J	<10	<2.0	<1.0	<1.0	<1.0
	10/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/23/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/13/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-21(10.5-25.5)	7/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/28/2009*FD	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/19/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/13/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID (Screen Interval fbg)	Date	Chloroform	Chloro- methane	Cyclo- hexane	1,2-Dibromo-3- Chloropropane	Dibromo- chloro- methane	1,2- Dibromo- ethane	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	Dichloro- difluoro- methane	1,1-Dichloro- ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-18(17.5-37.5)	9/24/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/29/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/26/2010	<1.0	0.33 J	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/13/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-21(10.5-25.5)	7/27/2009	0.51 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009	0.43 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009*FD	0.39 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/21/2010	0.38 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	0.75 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/21/2010	0.56 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/13/2011	0.77 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID (Screen Interval fbg)	Date	1,2-Dichloro- ethane (EDC)	1,1-Dichloro- ethene	cis-1,2- Dichloro- ethene	trans-1,2- Dichloro- ethene	1,2-Dichloro- propane	cis-1,3- Dichloro- propene	trans-1,3- Dichloro- propene	1,4- Dioxane	Ethyl- benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-18(17.5-37.5)	9/24/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	2.1	<5.0	<5.0
	10/29/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.8	<5.0	<5.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.6	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.83 J	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.8	<5.0	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/13/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-21(10.5-25.5)	7/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/19/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-22(14.5-34.5)	1/13/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID (Screen Interval fbg)	Date	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-18(17.5-37.5)	9/24/2009	<2.0	<5.0	<5.0	26.2	<5.0	<2.0	<5.0	<1.0	<1.0	0.63 J	<5.0	<5.0
	10/29/2009	<2.0	<5.0	<5.0	13.1	<5.0	<2.0	<5.0	<1.0	<1.0	0.41 J	<5.0	<5.0
	1/26/2010	<2.0	<5.0	0.51 J	26.4	<5.0	<2.0	<5.0	<1.0	<1.0	0.32 J	<5.0	<5.0
	4/22/2010	<2.0	<5.0	<5.0	37.5	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<2.0	<5.0	<5.0	30.2	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<2.0	<5.0	0.45 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.39 J	<5.0	<5.0
	10/28/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/20/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/13/2011	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-21(10.5-25.5)	7/27/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.8	<1.0	<5.0	<5.0
	10/28/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.2	<1.0	<5.0	<5.0
	10/28/2009*FD	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.6	<1.0	<5.0	<5.0
	1/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.9	<1.0	<5.0	<5.0
	4/22/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.7	<1.0	<5.0	<5.0
	7/19/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	5.7	<1.0	<5.0	<5.0
	10/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	5.1	<1.0	<5.0	<5.0
	1/13/2011	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.9	<1.0	<5.0	<5.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (Screen Interval fbg)	Date	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	Trichloro- ethylene (TCE)	Trichloro- fluoro- methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-18(17.5-37.5)	9/24/2009	<1.0	<1.0	<1.0	<5.0	<1.0	3.7	0.92 J	4.6	8.7 J	
	10/29/2009	<1.0	<1.0	<1.0	<5.0	<1.0	2.9	0.76 J	3.7	6.8 J	
	1/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	2.4	0.71 J	3.1	5.5 J	
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	1.2	0.43 J	1.6	2.4 J	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	2.5	0.67 J	3.2	5.2 J	
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	0.81 J	
	10/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/23/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/13/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-21(10.5-25.5)	7/27/2009	<1.0	<1.0	3.3	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/28/2009	<1.0	<1.0	2.7	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/28/2009*FD	<1.0	<1.0	3.1	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	<1.0	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/22/2010	<1.0	<1.0	2.8	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/19/2010	<1.0	<1.0	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/21/2010	<1.0	<1.0	2.9	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/13/2011	<1.0	<1.0	3.3	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

Notes:

~ - no standard or guidance value exists

<1.0 - Not detected at or above the laboratory reporting limit shown

Concentrations are reported in micrograms per liter.

BRL - below laboratory reporting limits

J - Indicates an estimated value

*FD - field duplicate sample

LNAPL - light non-aqueous phase liquid

NS - Not sampled

NYSDEC Standards and Guidance Values - New York State Department of

Environmental Conservation Technical and Operational Guidance Series

(TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values,

June 1998 and Addendum April 2000

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

a - Result is from Run #2

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	2-Chloro-phenol	4-Chloro-3-methyl phenol	2,4-Dichloro-phenol	2,4-Dimethyl-phenol	2,4-Dinitro-phenol	4,6-Dinitro-o-cresol	2-Methyl-phenol	3&4-Methyl-phenol	2-Nitro-phenol	4-Nitro-phenol
NYSDEC Standards		1	1	1	1	1	~	~	~	1	1
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/29/2009	<5.0	<5.0	<5.0	<5.0	<20 J	<20	<2.0	<2.0	<5.0	<10
	10/26/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/20/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	04/23/2010*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	07/21/2010*FD	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
	10/18/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/10/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<50	<50	<50	<50	<200	<200	<20	<20	<50	<100
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<5.3	<5.3	<5.3	5.8	<21	<21	2.9	2.2	<5.3	<11
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/26/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	01/26/2010*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/26/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	4.4	<5.0	<10
	7/21/2010	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
	10/19/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/19/2010*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/10/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	01/10/2011*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	Pentachloro-phenol	Phenol	2,3,4,6,-Tetrachloro-phenol	2,4,5-Trichloro-phenol	2,4,6-Trichloro-phenol	Total Phenolic Compounds	Acenaph-thene	Acenaph-thylene	Aceto-phenone	Anthracene
NYSDEC Standards		1	1	~	~	1	1	~	~	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	20	~	~	50
MW-1(6-18)	4/7/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	7/29/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.57 J	<1.0	<5.0	<1.0
	10/26/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.56 J	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.72 J	<1.0	<5.0	<1.0
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.56 J	<1.0	<2.0	<1.0
	04/23/2010*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.54 J	<1.0	<2.0	<1.0
	7/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.67 J	<1.0	<2.0	<1.0
	07/21/2010*FD	<10	<2.0	<5.2	<5.2	<5.2	BRL	0.69 J	<1.0	<2.1	<1.0
	10/18/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	1/10/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<100	24.9	<50	<50	<50	24.9	<10	<10	<50	8.3 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<10	3.3	<5.0	<5.0	<5.0	3.3	<1.0	<1.0	<5.0	0.57 J
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<11	2.4	<5.3	<5.3	<5.3	2.4	0.58 J	<1.1	<2.1	5.2
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.65 J	<1.0	<5.0	<1.0
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.91 J	<1.0	<5.0	0.66 J
	01/26/2010*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	1.0	<1.0	<5.0	0.57 J
	4/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.88 J	<1.0	<2.0	0.57 J
	7/21/2010	<10	<2.0	<5.2	<5.2	<5.2	BRL	0.62 J	<1.0	<2.1	<1.0
	10/19/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	10/19/2010*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	1/10/2011	<10	NA	<5.0	<5.0	<5.0	<65	0.53 J	<1.0	<2.0	<1.0
	01/10/2011*FD	<10	NA	<5.0	<5.0	<5.0	<65	0.62 J	<1.0	<2.0	<1.0

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	Atrazine	Benzaldehyde	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-perylene	Benzo(k)-fluoranthene	4-Bromophenyl phenyl ether	Butyl benzyl phthalate	1,1-Biphenyl
NYSDEC Standards		~	~	~	~	~	5	~	~	~	~
NYSDEC Guidance Values		~	~	0.002	~	0.002	~	0.002	~	50	~
MW-1(6-18)	4/7/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/29/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/26/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	04/23/2010*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	07/21/2010*FD	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
	10/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<50	<50	166	87.6	58.0	77.2	18.9	<20	<20	<20
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<5.0	<5.0	14.6	7.2	3.8	4.2	1.3	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<5.3	<5.3	220	94.7	55.1	51.5	17.0	<2.1	<2.1	<1.1
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/26/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	01/26/2010*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/26/2010	<5.0	<5.0	0.65 J	0.49 J	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/21/2010	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
	10/19/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	10/19/2010*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	01/10/2011*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	2-Chloro-naphthalene	p-Chloro-aniline	Carbazole	Caprolactam	Chrysene	bis-(2-Chloroethoxy) methane	bis-(2-Chloroethyl) ether	bis-(2-Chloro-isopropyl) ether	4-Chlorophenyl phenyl ether	2,4-Dinitro-toluene
NYSDEC Standards		~	5	~	~	~	5	1	5	~	5
NYSDEC Guidance Values		10	~	~	~	0.002	~	~	~	~	~
MW-1(6-18)	4/7/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/29/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/26/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/23/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	04/23/2010*FD	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/21/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/21/2010*FD	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
	10/18/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/10/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<50	<50	<20	<20	259	<20	<20	<20	<20	<20
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<5.0	<5.0	<2.0	<2.0	19.3	<2.0	<2.0	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<2.1	<5.3	<1.1	<2.1	297	<2.1	<2.1	<2.1	<2.1	<2.1
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/26/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	01/26/2010*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/26/2010	<2.0	<5.0	0.44 J	<2.0	0.73 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/21/2010	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
	10/19/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/19/2010*FD	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/10/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	01/10/2011*FD	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	2,6-Dinitro-toluene	3,3-Dichloro-benzidine	Dibenzo(a,h)-anthracene	Dibenzo-furan	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	bis(2-Ethylhexyl)-phthalate	Fluoranthene
NYSDEC Standards		5	5	~	~	50	~	~	~	5	~
NYSDEC Guidance Values		~	~	50	~	~	50	50	50	~	50
MW-1(6-18)	4/7/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/29/2009	<2.0	<5.0 R	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/26/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/20/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	04/23/2010*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	07/21/2010*FD	<2.1	<5.2	<1.0	<5.2	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
	10/18/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/10/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<20	<50	43.8	<50	<20	<20	<20	<20	18.3 J	19.8
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<2.0	<5.0	2.9	<5.0	<2.0	<2.0	<2.0	<2.0	1.8 J	2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<2.1	<5.3	36.3	<5.3	<2.1	<2.1	<2.1	<2.1	<2.1	23.8
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<2.0	<5.0	<1.0	0.44 J	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/26/2010	<2.0	<5.0	<1.0	0.72 J	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	01/26/2010*FD	<2.0	<5.0	<1.0	0.76 J	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/26/2010	<2.0	<5.0	<1.0	0.56 J	<2.0	<2.0	<2.0	<2.0	<2.0	0.52 J
	7/21/2010	<2.1	<5.2	<1.0	0.50 J	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
	10/19/2010	<2.0	<5.0	<1.0	0.78 J	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/19/2010*FD	<2.0	<5.0	<1.0	0.78 J	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/10/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	01/10/2011*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	Fluorene	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane	Indeno-(1,2,3-cd)-pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline
NYSDEC Standards		~	0.04	0.5	5	5	~	~	~	~	~
NYSDEC Guidance Values		50	~	~	~	~	0.002	50	~	5	5
MW-1(6-18)	4/7/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	7/29/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/26/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/20/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	04/23/2010*FD	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	07/21/2010*FD	<1.0	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
	10/18/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/10/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<10	<20	<10	<200	<50	25.8	<20	<20	<50	<50
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<1.0	<2.0	<1.0	<20	<5.0	1.7	<2.0	<2.0	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	1.2	<1.1	<1.1	<21	<2.1	20.9	3.1	5.6	<5.3	<5.3
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	0.87 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/26/2010	1.5	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	01/26/2010*FD	1.5	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/26/2010	1.3	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/21/2010	0.97 J	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
	10/19/2010	1.6	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	10/19/2010*FD	1.6	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/10/2011	0.70 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	01/10/2011*FD	0.85 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0

TABLE 5
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Sample ID (screen Interval fbg)	Date	4-Nitro-aniline	Naphthalene	Nitro-benzene	N-Nitroso-di-n-propyl-amine	N-Nitroso-diphenyl-amine	Phenanthrene	Pyrene	1,2,4,5-Tetrachloro-benzene	Comments
NYSDEC Standards		~	~	0.4	~	~	~	~	~	
NYSDEC Guidance Values		5	10	~	~	50	50	50	~	
MW-1(6-18)	4/7/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	7/29/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/26/2009	<5.0	2.5 B	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/20/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	04/23/2010*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	07/21/2010*FD	<5.2	<1.0	<2.1	<2.1	<5.2	<1.0	<1.0	<2.1	
	10/18/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.44 J	<2.0	
	1/10/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-3(3-18)	4/29/2009	<50	<10	<20	<20	<50	31.6	79.7	<50	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	<5.0	0.47 J	<2.0	<2.0	<5.0	2.8	6.3	<5.0	Sample collected below LNAPL
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/22/2010	<5.3	3.0	<2.1	<2.1	<5.3	37.4	91.4	<2.1	Sample collected below LNAPL
	10/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient sample volume
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well/well replaced
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4D(13.5-18.5)	10/29/2009	<5.0	<1.0	<2.0	<2.0	<5.0	0.51 J	<1.0	<5.0	
	1/26/2010	<5.0	<1.0	<2.0	<2.0	<5.0	3.0	0.51 J	<5.0	
	01/26/2010*FD	<5.0	<1.0	<2.0	<2.0	<5.0	2.5	0.56 J	<5.0	
	4/26/2010	<5.0	1.2	<2.0	<2.0	<5.0	2.8	1.0	<2.0	
	7/21/2010	<5.2	0.63 J	<2.1	<2.1	<5.2	1.2	0.47 J	<2.1	
	10/19/2010	<5.0	1.2	<2.0	<2.0	<5.0	2.2	<1.0	<2.0	
	10/19/2010*FD	<5.0	1.2	<2.0	<2.0	<5.0	2.2	<1.0	<2.0	
	1/10/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	01/10/2011*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	

TABLE 5
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Sample ID (screen Interval fbg)	Date	2-Chloro-phenol	4-Chloro-3-methyl phenol	2,4-Dichloro-phenol	2,4-Dimethyl-phenol	2,4-Dinitro-phenol	4,6-Dinitro-o-cresol	2-Methyl-phenol	3&4-Methyl-phenol	2-Nitro-phenol	4-Nitro-phenol
NYSDEC Standards		1	1	1	1	1	~	~	~	1	1
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/28/2009	<5.0	<5.0	<5.0	<5.0	<20 J	<20	<2.0	<2.0	<5.0	<10
	10/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/20/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/21/2010	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
	10/19/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/10/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/30/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	07/30/2009*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/20/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/20/2010	<5.9	<5.9	<5.9	<5.9	<24	<24	<2.4	<2.4	<5.9	<12
	10/18/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-11(2-17)	1/11/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/8/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	04/08/2009*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/30/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
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Sample ID (screen Interval fbg)	Date	Pentachloro-phenol	Phenol	2,3,4,6,-Tetrachloro-phenol	2,4,5-Trichloro-phenol	2,4,6-Trichloro-phenol	Total Phenolic Compounds	Acenaph-thene	Acenaph-thylene	Aceto-phenone	Anthracene
NYSDEC Standards		1	1	~	~	1	1	~	~	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	20	~	~	50
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	7/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/21/2010	<10	<2.1	<5.2	<5.2	<5.2	BRL	<1.0	<1.0	<2.1	<1.0
	10/19/2010	<10	<2.1	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	1/10/2011	<10	NA	<5.0	<5.0	<5.0	<65	<1.0	<1.0	<2.0	<1.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.88 J	<1.0	<5.0	<1.0
	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.54 J	<1.0	<5.0	<1.0
	07/30/2009*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.76 J	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.77 J	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.81 J	<1.0	<5.0	<1.0
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.62 J	<1.0	<2.0	<1.0
	7/20/2010	<12	<2.4	<5.9	<5.9	<5.9	BRL	0.74 J	<1.2	<2.4	<1.2
	10/18/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.73 J	<1.0	<2.0	<1.0
MW-11(2-17)	1/11/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.73 J	<1.0	<2.0	<1.0
	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	04/08/2009*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	4/23/2010	NS	NS	NS	NS	NS	BRL	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	Atrazine	Benzaldehyde	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-perylene	Benzo(k)-fluoranthene	4-Bromophenyl phenyl ether	Butyl benzyl phthalate	1,1-Biphenyl
NYSDEC Standards		~	~	~	~	~	5	~	~	~	~
NYSDEC Guidance Values		~	~	0.002	~	0.002	~	0.002	~	50	~
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/28/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/23/2010	<5.0	<5.0	0.55 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/21/2010	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
	10/19/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	07/30/2009*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	0.49 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/22/2010	<5.0	<5.0	0.72 J	0.75 J	<1.0	0.61 J	<1.0	<2.0	<2.0	<1.0
	7/20/2010	<5.9	<5.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<2.4	<1.2
	10/18/2010	<5.0	<5.0	0.61 J	0.63 J	<1.0	0.50 J	<1.0	<2.0	<2.0	<1.0
MW-11(2-17)	1/11/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	04/08/2009*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	2-Chloro-naphthalene	p-Chloro-aniline	Carbazole	Caprolactam	Chrysene	bis-(2-Chloroethoxy) methane	bis-(2-Chloroethyl) ether	bis-(2-Chloro-isopropyl) ether	4-Chlorophenyl phenyl ether	2,4-Dinitro-toluene
NYSDEC Standards		~	5	~	~	~	5	1	5	~	5
NYSDEC Guidance Values		10	~	~	~	0.002	~	~	~	~	~
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/28/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/23/2010	<2.0	<5.0	<1.0	<2.0	0.48 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/21/2010	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
	10/19/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/10/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/30/2009*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	<2.0	<2.0	0.38 J	<2.0	<2.0	<2.0	<2.0	<2.0
	4/22/2010	<2.0	<5.0	<1.0	<2.0	0.81 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/20/2010	<2.4	<5.9	<1.2	<2.4	<1.2	<2.4	<2.4	<2.4	<2.4	<2.4
	10/18/2010	<2.0	<5.0	<1.0	<2.0	0.65 J	<2.0	<2.0	<2.0	<2.0	<2.0
	1/11/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-11(2-17)	4/8/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	04/08/2009*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	2,6-Dinitro-toluene	3,3-Dichloro-benzidine	Dibenzo(a,h)-anthracene	Dibenzo-furan	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	bis(2-Ethylhexyl)-phthalate	Fluoranthene
NYSDEC Standards		5	5	~	~	50	~	~	~	5	~
NYSDEC Guidance Values		~	~	50	~	~	50	50	50	~	50
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/28/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/27/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/20/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	1.6 J	<1.0
	7/21/2010	<2.1	<5.2	<1.0	<5.2	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
	10/19/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/10/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<2.0	<5.0	<1.0	<5.0	<2.0	3.1	<2.0	<2.0	9.1	<1.0
	7/30/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	07/30/2009*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	8.3	<1.0
	10/27/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/20/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	0.58 J
	4/22/2010	<2.0	<5.0	0.54 J	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/20/2010	<2.4	<5.9	<1.2	<5.9	<2.4	<2.4	<2.4	<2.4	<2.4	<1.2
	10/18/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-11(2-17)	1/11/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/8/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	04/08/2009*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/30/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	5.8	<1.0
	10/27/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

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Sample ID (screen Interval fbg)	Date	Fluorene	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane	Indeno-(1,2,3-cd)-pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline
NYSDEC Standards		~	0.04	0.5	5	5	~	~	~	~	~
NYSDEC Guidance Values		50	~	~	~	~	0.002	50	~	5	5
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	7/28/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/20/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
	10/19/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/10/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	7/30/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	07/30/2009*FD	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/20/2010	0.43 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/20/2010	<1.2	<1.2	<1.2	<24	<2.4	<1.2	<2.4	<1.2	<5.9	<5.9
	10/18/2010	0.50 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/11/2011	0.55 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-11(2-17)	4/8/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	04/08/2009*FD	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	7/30/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/21/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	4-Nitro-aniline	Naphthalene	Nitro-benzene	N-Nitroso-di-n-propyl-amine	N-Nitroso-diphenyl-amine	Phenanthrene	Pyrene	1,2,4,5-Tetrachloro-benzene	Comments
NYSDEC Standards		~	~	0.4	~	~	~	~	~	
NYSDEC Guidance Values		5	10	~	~	50	50	50	~	
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-8(1-13)	4/8/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	7/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/27/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/20/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.88 J	<2.0	
	7/21/2010	<5.2	<1.0	<2.1	<2.1	<5.2	<1.0	<1.0	<2.1	
	10/19/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	1/10/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-10(3-13)	4/8/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.76 J	<5.0	
	7/30/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.51 J	<5.0	
	07/30/2009*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.50 J	<5.0	
	10/27/2009	<5.0	3.7	<2.0	<2.0	<5.0	0.53 J	0.56 J	<5.0	
	1/20/2010	<5.0	0.47 J	<2.0	<2.0	<5.0	0.79 J	0.86 J	<5.0	
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	0.41 J	0.96 J	<2.0	
	7/20/2010	<5.9	<1.2	<2.4	<2.4	<5.9	<1.2	0.80 J	<2.4	
	10/18/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.93 J	<2.0	
	1/11/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
MW-11(2-17)	4/8/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	04/08/2009*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	7/30/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/27/2009	<5.0	15.2	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	2-Chloro-phenol	4-Chloro-3-methyl phenol	2,4-Dichloro-phenol	2,4-Dimethyl-phenol	2,4-Dinitro-phenol	4,6-Dinitro-o-cresol	2-Methyl-phenol	3&4-Methyl-phenol	2-Nitro-phenol	4-Nitro-phenol
NYSDEC Standards		1	1	1	1	1	~	~	~	1	1
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/30/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/11/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	<5.0	<5.0	<5.0	<5.0	<20 J	<20	<2.0	<2.0	<5.0	<10
	10/28/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/26/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	1.0 J	<5.0	<10
	7/22/2010	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
	10/20/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/11/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<5.9	<5.9	<5.9	<5.9	<24	<24	<2.4	<2.4	<5.9	<12
	10/20/2010	<25	<25	<25	<25	<100	<100	<10	<10	<25	<50
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	Pentachloro-phenol	Phenol	2,3,4,6,-Tetrachloro-phenol	2,4,5-Trichloro-phenol	2,4,6-Trichloro-phenol	Total Phenolic Compounds	Acenaph-thene	Acenaph-thylene	Aceto-phenone	Anthracene
NYSDEC Standards		1	1	~	~	1	1	~	~	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	20	~	~	50
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<10	NA	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.90 J	<1.0	<5.0	0.57 J
	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.53 J	<1.0	<5.0	0.36 J
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.67 J	<1.0	<5.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.40 J	<1.0	<2.0	<1.0
	1/11/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	3.3
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	1.0	<1.0	<5.0	0.83 J
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	2.3
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	1.00	<1.0	<1.0	<2.0	<1.0
	7/22/2010	<10	<2.1	<5.2	<5.2	<5.2	BRL	<1.0	<1.0	<2.1	<1.0
	10/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.55 J	<1.0	<2.0	0.50 J
	1/11/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<12	<2.4	<5.9	<5.9	<5.9	BRL	<1.2	<1.2	<2.4	1.1 J
	10/20/2010	<50	<1.0	<25	<25	<25	BRL	<5.0	<5.0	<10	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	Atrazine	Benzaldehyde	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-perylene	Benzo(k)-fluoranthene	4-Bromophenyl phenyl ether	Butyl benzyl phthalate	1,1-Biphenyl
NYSDEC Standards		~	~	~	~	~	5	~	~	~	~
NYSDEC Guidance Values		~	~	0.002	~	0.002	~	0.002	~	50	~
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	2.2	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/11/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	<5.0	<5.0	12.9	3.0	3.4	<1.0	0.95 J	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	4.0	0.87 J	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/26/2010	<5.0	<5.0	9.3	1.6	4.3	0.82 J	0.69 J	<2.0	<2.0	<2.0
	4/23/2010	<5.0	<5.0	0.64 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/22/2010	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
	10/20/2010	<5.0	<5.0	0.55 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/11/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<5.9	<5.9	1.5	<1.2	<1.2	<1.2	<1.2	<2.4	<2.4	<1.2
	10/20/2010	<25	<25	4.0 J	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

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Sample ID (screen Interval fbg)	Date	2-Chloro-naphthalene	p-Chloro-aniline	Carbazole	Caprolactam	Chrysene	bis-(2-Chloroethoxy) methane	bis-(2-Chloroethyl) ether	bis-(2-Chloro-isopropyl) ether	4-Chlorophenyl phenyl ether	2,4-Dinitro-toluene
NYSDEC Standards		~	5	~	~	~	5	1	5	~	5
NYSDEC Guidance Values		10	~	~	~	0.002	~	~	~	~	~
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<2.0	2.9	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<5.0	<5.0	0.62 J	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	0.43 J	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/11/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	<5.0	<5.0	<2.0	<2.0	18.2	<2.0	<2.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<2.0	<2.0	4.4	<2.0	<2.0	<2.0	<2.0	<2.0
	1/26/2010	<5.0	<5.0	<2.0	<2.0	10.2	<2.0	<2.0	<2.0	<2.0	<2.0
	4/23/2010	<2.0	<5.0	<1.0	<2.0	0.72 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/22/2010	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
	10/20/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/11/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<2.4	<5.9	<1.2	<2.4	1.7	<2.4	<2.4	<2.4	<2.4	<2.4
	10/20/2010	<10	<25	<5.0	<10	3.2 J	<10	<10	<10	<10	<10
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	2,6-Dinitro-toluene	3,3-Dichloro-benzidine	Dibenzo(a,h)-anthracene	Dibenzo-furan	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	bis(2-Ethylhexyl)-phthalate	Fluoranthene
NYSDEC Standards		5	5	~	~	50	~	~	~	5	~
NYSDEC Guidance Values		~	~	50	~	~	50	50	50	~	50
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	0.52 J
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	1.2 J	0.47 J
	7/30/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/27/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	4.6	<2.0	<2.0	<1.0
	1/11/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	1.3 J	<2.0	<2.0	<1.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	1.8
	10/28/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	10.3	0.77 J
	1/26/2010	<2.0	<5.0	0.76 J	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	1.2
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/22/2010	<2.1	<5.2	<1.0	<5.2	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
	10/20/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/11/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<2.4	<5.9	<1.2	<5.9	<2.4	<2.4	<2.4	<2.4	<2.4	0.72 J
	10/20/2010	<10	<25	<5.0	<25	<10	<10	<10	<10	<10	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Long Island City, New York

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Sample ID (screen Interval fbg)	Date	Fluorene	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane	Indeno-(1,2,3-cd)-pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline
NYSDEC Standards		~	0.04	0.5	5	5	~	~	~	~	~
NYSDEC Guidance Values		50	~	~	~	~	0.002	50	~	5	5
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	1.1	<2.0	<1.0	<20	<5.0	<1.0	<2.0	5.1	<5.0	<5.0
	7/30/2009	0.57 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	1.2 J	<5.0	<5.0
	10/27/2009	0.65 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/11/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	2.2	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/28/2009	0.92 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/26/2010	0.93 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/23/2010	0.47 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/22/2010	<1.0	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
	10/20/2010	0.69 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/11/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<1.2	<1.2	<1.2	<24	<2.4	<1.2	<2.4	<1.2	<5.9	<5.9
	10/20/2010	<5.0	<5.0	<5.0	<100	<10	<5.0	<10	<5.0	<25	<25
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	4-Nitro-aniline	Naphthalene	Nitro-benzene	N-Nitroso-di-n-propyl-amine	N-Nitroso-diphenyl-amine	Phenanthrene	Pyrene	1,2,4,5-Tetrachloro-benzene	Comments
NYSDEC Standards		~	~	0.4	~	~	~	~	~	
NYSDEC Guidance Values		5	10	~	~	50	50	50	~	
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	1.6	<2.0	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-13(1-8)	4/8/2009	<5.0	5.6	<2.0	<2.0	<5.0	1.3	<1.0	<5.0	
	7/30/2009	<5.0	1.1	<2.0	<2.0	<5.0	0.58 J	<1.0	<5.0	
	10/27/2009	<5.0	11.1	<2.0	<2.0	<5.0	0.70 J	<1.0	<5.0	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	10/20/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	1/11/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-15(5.5-20.5)	7/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	2.7	9.7	<5.0	
	10/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	0.41 J	3.0	<5.0	
	1/26/2010	<5.0	<1.0	<2.0	<2.0	<5.0	1.7	4.8	<5.0	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.51 J	<2.0	
	7/22/2010	<5.2	<1.0	<2.1	<2.1	<5.2	<1.0	<1.0	<2.1	
	10/20/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.46 J	<2.0	
	1/11/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/20/2010	<5.9	<1.2	<2.4	<2.4	<5.9	3.7	1.6	<2.4	
	10/20/2010	<25	<5.0	<10	<10	<25	4.6 J	3.0 J	<10	
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 5
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Sample ID (screen Interval fbg)	Date	2-Chloro-phenol	4-Chloro-3-methyl phenol	2,4-Dichloro-phenol	2,4-Dimethyl-phenol	2,4-Dinitro-phenol	4,6-Dinitro-o-cresol	2-Methyl-phenol	3&4-Methyl-phenol	2-Nitro-phenol	4-Nitro-phenol
NYSDEC Standards		1	1	1	1	1	~	~	~	1	1
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~
MW-18(17.5-37.5)	9/24/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	4.8	<5.0	<10
	10/29/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/26/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/28/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/20/2010	<5.9	<5.9	<5.9	<5.9	<24	<24	<2.4	<2.4	<5.9	<12
	10/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/13/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-21(10.5-25.5)	7/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/28/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/28/2009*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	<6.2	<6.2	<6.2	<6.2	<25	<25	<2.5	<2.5	<6.2	<12
	10/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/13/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	Pentachloro-phenol	Phenol	2,3,4,6,-Tetrachloro-phenol	2,4,5-Trichloro-phenol	2,4,6-Trichloro-phenol	Total Phenolic Compounds	Acenaph-thene	Acenaph-thylene	Aceto-phenone	Anthracene
NYSDEC Standards		1	1	~	~	1	1	~	~	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	20	~	~	50
MW-18(17.5-37.5)	9/24/2009	<10	<2.0	<5.0	<5.0	<5.0	4.8	<1.0	<1.0	<5.0	1.0
	10/29/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	0.80 J
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	0.82 J
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.79 J	<1.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.40 J	<1.0	<5.0	<1.0
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/20/2010	<12	<2.4	<5.9	<5.9	<5.9	BRL	<1.2	<1.2	<2.4	<1.2
	10/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	1/13/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
MW-21(10.5-25.5)	7/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/28/2009*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/19/2010	<12	<2.5	<6.2	<6.2	<6.2	BRL	<1.2	<1.2	<2.5	<1.2
	10/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	1/13/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID (screen Interval fbg)	Date	Atrazine	Benzaldehyde	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-perylene	Benzo(k)-fluoranthene	4-Bromophenyl phenyl ether	Butyl benzyl phthalate	1,1-Biphenyl
NYSDEC Standards		~	~	~	~	~	5	~	~	~	~
NYSDEC Guidance Values		~	~	0.002	~	0.002	~	0.002	~	50	~
MW-18(17.5-37.5)	9/24/2009	<5.0	<5.0	0.47 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/29/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/26/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/22/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<5.0	<5.0	0.48 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<5.0	<5.0	5.5	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	2.4	0.56 J	2.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/20/2010	<5.9	<5.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<2.4	<1.2
	10/21/2010	<5.0	<5.0	0.58 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/13/2011	<5.0	<5.0	0.65 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-21(10.5-25.5)	7/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/28/2009*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/22/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	<6.2	<6.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<2.5	<1.2
	10/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	1/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	2-Chloro-naphthalene	p-Chloro-aniline	Carbazole	Caprolactam	Chrysene	bis-(2-Chloroethoxy) methane	bis-(2-Chloroethyl) ether	bis-(2-Chloro-isopropyl) ether	4-Chlorophenyl phenyl ether	2,4-Dinitro-toluene
NYSDEC Standards		~	5	~	~	~	5	1	5	~	5
NYSDEC Guidance Values		10	~	~	~	0.002	~	~	~	~	~
MW-18(17.5-37.5)	9/24/2009	<5.0	<5.0	<2.0	<2.0	0.47 J	<2.0	<2.0	<2.0	<2.0	<2.0
	10/29/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/26/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/22/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<2.0	<5.0	<1.0	<2.0	0.46 J	<2.0	<2.0	<2.0	<2.0	<2.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<5.0	<5.0	<2.0	<2.0	6.8	<2.0	<2.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<2.0	<2.0	3.4	<2.0	<2.0	<2.0	<2.0	<2.0
	4/23/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/20/2010	<2.4	<5.9	<1.2	<2.4	<1.2	<2.4	<2.4	<2.4	<2.4	<2.4
	10/21/2010	<2.0	<5.0	<1.0	<2.0	0.64 J	<2.0	<2.0	<2.0	<2.0	<2.0
	1/13/2011	<2.0	<5.0	<1.0	<2.0	0.77 J	<2.0	<2.0	<2.0	<2.0	<2.0
MW-21(10.5-25.5)	7/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/28/2009*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/22/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	<2.5	<6.2	<1.2	<2.5	<1.2	<2.5	<2.5	<2.5	<2.5	<2.5
	10/21/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/13/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	2,6-Dinitro-toluene	3,3-Dichloro-benzidine	Dibenzo(a,h)-anthracene	Dibenzo-furan	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	bis(2-Ethylhexyl)-phthalate	Fluoranthene
NYSDEC Standards		5	5	~	~	50	~	~	~	5	~
NYSDEC Guidance Values		~	~	50	~	~	50	50	50	~	50
MW-18(17.5-37.5)	9/24/2009	<2.0	<5.0 R	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/29/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/26/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	2.0	<1.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<2.0	<5.0 R	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	1.1
	10/28/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	2.6	0.54 J
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/20/2010	<2.4	<5.9	<1.2	<5.9	<2.4	<2.4	<2.4	<2.4	<2.4	<1.2
	10/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/13/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-21(10.5-25.5)	7/27/2009	<2.0	<5.0 R	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/28/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/28/2009*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/19/2010	<2.5	<6.2	<1.2	<6.2	<2.5	<2.5	<2.5	<2.5	<2.5	<1.2
	10/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	Fluorene	Hexachloro-benzene	Hexachloro-butadiene	Hexachloro-cyclopentadiene	Hexachloro-ethane	Indeno-(1,2,3-cd)-pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline
NYSDEC Standards		~	0.04	0.5	5	5	~	~	~	~	~
NYSDEC Guidance Values		50	~	~	~	~	0.002	50	~	5	5
MW-18(17.5-37.5)	9/24/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	5.1	<5.0	<5.0
	10/29/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	4.9	<5.0	<5.0
	1/26/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	4.7	<5.0	<5.0
	4/22/2010	0.55 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	0.98 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	1.2	<5.0	<5.0
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/28/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/21/2010	0.52 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/20/2010	<1.2	<1.2	<1.2	<24	<2.4	<1.2	<2.4	<1.2	<5.9	<5.9
	10/21/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/13/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-21(10.5-25.5)	7/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/28/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/28/2009*FD	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/21/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	<1.2	<1.2	<1.2	<25	<2.5	<1.2	<2.5	<1.2	<6.2	<6.2
	10/21/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	1/13/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID (screen Interval fbg)	Date	4-Nitro-aniline	Naphthalene	Nitro-benzene	N-Nitroso-di-n-propyl-amine	N-Nitroso-diphenyl-amine	Phenanthrene	Pyrene	1,2,4,5-Tetrachloro-benzene	Comments
NYSDEC Standards		~	~	0.4	~	~	~	~	~	
NYSDEC Guidance Values		5	10	~	~	50	50	50	~	
MW-18(17.5-37.5)	9/24/2009	<5.0	3.0	<2.0	<2.0	<5.0	1.9	0.49 J	<5.0	
	10/29/2009	<5.0	3.2	<2.0	<2.0	<5.0	2.0	<1.0	<5.0	
	1/26/2010	<5.0	2.8	<2.0	<2.0	<5.0	1.7	<1.0	<5.0	
	4/22/2010	<5.0	0.94 J	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/21/2010	<5.0	1.8	<2.0	<2.0	<5.0	0.52 J	0.65 J	<2.0	
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-20(9.5-29.5)	7/27/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	5.5	<5.0	
	10/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/21/2010	<5.0	0.57 J	<2.0	<2.0	<5.0	0.67 J	2.8	<5.0	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/20/2010	<5.9	<1.2	<2.4	<2.4	<5.9	<1.2	<1.2	<2.4	
	10/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	0.55 J	0.81 J	<2.0	
	1/13/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.75 J	<2.0	
MW-21(10.5-25.5)	7/27/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/28/2009*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/19/2010	<6.2	<1.2	<2.5	<2.5	<6.2	<1.2	<1.2	<2.5	
	10/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	1/13/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

Notes:

~ - no standard or guidance value exists

<1.0 - Not detected at or above the laboratory reporting limit shown

Concentrations are reported in micrograms per liter

BRL - below laboratory reporting limits

J - Indicates an estimated value

* FD - Field duplicate sample

LNAPL - Light non-aqueous phase liquid

NS - Not sampled

NYSDEC Standards and Guidance Values - New York State Department of

Environmental Conservation Technical and Operational Guidance Series

(TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values,

June 1998 and Addendum April 2000

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-1(6-18)	4/7/2009	<200	<6.0	9.7	247	1.4	<3.0	134000	<10	<50	<10	3320	<3.0	15500
	7/29/2009	<200	<6.0	4.6	206	<1.0	<3.0	100000	<10	<50	<10	2080	3.2	7380
	10/26/2009	711	<6.0	9.7	227	<1.0	<3.0	108000	<10	<50	<10	2600	21.4	8310
	1/20/2010	950	<6.0	<8.0	<200	<1.0	<3.0	84300	<10	<50	<10	785	4.4	<5000
	4/23/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	78300	<10	<50	<10	161	<3.0	<5000
	04/23/2010*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	81700	<10	<50	<10	149	<3.0	<5000
	7/21/2010	<200	<6.0	5.7	<200	<1.0	<3.0	64800	<10	<50	<10	<100	<3.0	<5000
	07/21/2010*FD	<200	<6.0	6.1	<200	<1.0	<3.0	65600	<10	<50	<10	<100	<3.0	<5000
	10/18/2010	<200	<6.0	8.0	<200	<1.0	<3.0	61400	<10	<50	<10	<100	<3.0	<5000
	1/10/2011	<200	<6.0	4.0	<200	<1.0	<3.0	67100	<10	<50	<10	138	<3.0	<5000
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	49800 J	<60	137	<2000	<10	<30	519000	<100 J	<500	<100 J	105000	357	162000
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	98700	<12	130	<400	2.4	10.6	623000	139	<100	49.6	179000	94.8	250000
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	17500	<12	67.9	<400	<2.0	<6.0	709000	31.9	<100	21.1	82200	15.4	160000
	10/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13.5-18.5)	10/29/2009	<200	<6.0	13.5	<200	<1.0	<3.0	56200	<10	<50	<10	19100	<3.0	12700
	1/26/2010	<200	<6.0	16.8	<200	<1.0	<3.0	50200	<10	<50	<10	25900	<3.0	9980
	01/26/2010*FD	<200	<6.0	18.1	<200	<1.0	<3.0	51600	<10	<50	<10	26800	<3.0	10300
	4/26/2010	268	<6.0	12.9	<200	<1.0	<3.0	49600	<10	<50	<10	31500	4.3	10500
	7/21/2010	<200	<6.0	15.9	<200	<1.0	<3.0	60800	<10	<50	<10	34200	<3.0	12100
	10/19/2010	<200	<6.0	22.3	<200	<1.0	<3.0	50700	<10	<50	<10	28900	<3.0	8300
	10/19/2010*FD	261	<6.0	23.6	<200	<1.0	<3.0	49500	<10	<50	<10	28800	<3.0	8150
	1/10/2011	204	<6.0	<3.0	<200	<1.0	<3.0	262000	<10	<50	<10	316	<30	816000
	01/10/2011*FD	<200	<6.0	13.4	<200	<1.0	<3.0	54800	<10	<50	<10	25100	<3.0	9210

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-1(6-18)	4/7/2009	1090	<0.20	<10	<10000	<10	<10	30600 J	<2.0	<50	<20	<10	
	7/29/2009	591	<0.20	<10	<10000	<10	<10	24200	<10	<50	<20	<10	
	10/26/2009	548	<0.20	<10	<10000	<10	<10	22900	<2.0	<50	<20	<10	
	1/20/2010	353	<0.20	<10	<10000	<10	<10	15400	<10	<50	<20	19	
	4/23/2010	314	<0.20	<10	<10000	<10	<10	18100	<10	<50	<20	<10	
	04/23/2010*FD	316	<0.20	<10	<10000	<10	<10	18800	<10	<50	<20	<10	
	7/21/2010	246	<0.20	<10	<10000	<10	<10	16300	<10	<50	<20	<10	
	07/21/2010*FD	240	<0.20	<10	<10000	<10	<10	16200	<10	<50	<20	<10	
	10/18/2010	216	<0.20	<10	<10000	<10	<10	14000	<2.0	<50	<20	<10	
	1/10/2011	262	<0.20	<10	<10000	<10	<10	15600	<10	<50	<20	<10	
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-3(3-18)	4/29/2009	3330	<0.80	118	114000	<100 J	<100 J	400000	<20	<500	1020 J	<10	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	9500	0.21	84.6	161000	<20	<20	522000	<10	146	773	<10	Sample collected below LNAPL
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/22/2010	7490	<0.80	27.8	149000	<20	<20	487000	<20	<100	154	14	Sample collected below LNAPL
	10/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10	Insufficient sample (See dissolved metals)
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well/well replaced
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4D(13.5-18.5)	10/29/2009	412	<0.20	<10	15000	<10	<10	147000	<10	<50	<20	<10	
	1/26/2010	425	<0.20	<10	13000	<10	<10	130000	<10	<50	<20	21	
	01/26/2010*FD	443	<0.20	<10	13500	<10	<10	135000	<10	<50	<20	<10	
	4/26/2010	380	<0.20	<10	13600	<10	<10	112000	<5.0	<50	<20	<10	
	7/21/2010	509	<0.20	<10	14400	<10	<10	127000	<10	<50	<20	<10	
	10/19/2010	434	<0.20	<10	13700	<10	<10	122000	<2.0	<50	<20	<10	
	10/19/2010*FD	431	<0.20	<10	13700	<10	<10	116000	<2.0	<50	<20	<10	
	1/10/2011	65.4	<0.20	<20	270000	<10	<10	7940000	<20	<50	<20	<10	
	01/10/2011*FD	475	<0.20	<10	14800	<10	<10	127000	<10	<50	<20	<10	

TABLE 6
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April 2009 through January 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<200	<6.0 J	4.2	<200	<1.0 J	<3.0	198000	<10 J	<50 J	58.0	177	<30 J	611000
	7/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	215000	<10	<50	<10	799	<30	711000
	10/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	217000	<10	<50	<10	177	<3.0	724000
	1/20/2010	<200	<600	9.2	<200	<1.0	<3.0	230000	<10	<50	<10	<100	7.0	783000
	4/23/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	225000	<10	<50	<10	238	<30	700000
	7/21/2010	<200	<6.0	4.6	<200	<1.0	<3.0	234000	<10	<50	<10	554	<15	740000
	10/19/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	205000	<10	<50	<10	599	<15	662000
	1/10/2011	<200	<6.0	13.7	<200	<1.0	<3.0	54900	<10	<50	<10	24800	<3.0	9220
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<200	<6.0	22.7	<200	<1.0	<3.0	58700	<10	<50	<10	6170	5.5	5760
	07/30/2009*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	86100	<10	<50	<10	7830 J	<3.0	7590
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	4.1 J	85700	<10	<50	<10	7950 J	<3.0	7590
	10/27/2009	<200	<6.0	<8.0	210	<1.0	<3.0	123000	<10	<50	<10	8920	<3.0	10600
	1/20/2010	<200	<6.0	<3.0	295	<1.0	<3.0	175000	<10	<50	<10	9920	<3.0	15700
	4/22/2010	<200	<6.0	<3.0	241	<1.0	<3.0	162000	<10	<50	<10	9340	7.4	14800
	7/20/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	114000	<10	<50	<10	6440	<3.0	10000
	10/18/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	129000	<10	<50	<10	7940	6.4	13100
	1/11/2011	<200	<6.0	<3.0	335	<1.0	<3.0	190000	<10	<50	<10	13100	<3.0	19700
MW-11(2-17)	4/8/2009	<200	<6.0	7.8	<200	<1.0	<3.0	217000	<10	<50	<10	1540	<6.0	548000
	04/08/2009*FD	<200	<6.0	7.4	<200	<1.0	<3.0	218000	<10	<50	<10	1500	<6.0	545000
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	201000	<10	<50	<10	579 J	<3.0	559000
	10/27/2009	<200	<6.0	8.8	<200	<1.0	<3.0	232000	<10	<50	<10	123	11.5	683000
	1/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	212000	<10	<50	29.1	<100	<3.0	566000
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-8(1-13)	4/8/2009	76.4	<0.20	<10 J	228000	<10	<10	5120000	<2.0 J	<50 J	<20 J	<10	
	7/28/2009	295	<0.20	<10	257000	<10	<10	5240000	<20	<50	<20	<10	
	10/27/2009	147	<0.20	<10	354000	<10	<10	6380000	<10	<50	<20	<10	
	1/20/2010	64.5	<0.20	<10	374000	<10	<10	6480000	<1000	<50	<20	25	
	4/23/2010	91.3	<0.20	<10	220000	<10	<10	5340000	<10	<50	<200	<10	
	7/21/2010	150	<0.20	<50	242000	<10	<10	5600000	<50	<50	<20	<10	
	10/19/2010	51.0	<0.20	67.3	240000	<10	<10	4340000	<10	<50	<20	<10	
	1/10/2011	471	<0.20	<10	14800	<10	<10	125000	<10	<50	<20	<10	
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-10(3-13)	4/8/2009	409	<0.20	<10	<10000	<10	<10	17600	<5.0	<50	<20	61	
	07/30/2009*FD	516	<0.20	<10	<10000	<10	<10	21600	<10	<50	<20	39	
	7/30/2009	520	<0.20	<10	<10000	<10	<10	21000	<10	<50	<20	37	
	10/27/2009	678	<0.20	<10	<10000	<10	<10	37500	<10	<50	<20	29	
	1/20/2010	1000	<0.20	<10	<10000	<10	<10	105000	<10	<50	<20	28	
	4/22/2010	912	<0.20	<10	<10000	<10	<10	84000	<10	<50	<20	19	
	7/20/2010	694	<0.20	<10	<10000	<10	<10	49900	<10	<50	<20	25	
	10/18/2010	667	<0.20	<10	<10000	<10	<10	50100	<2.0	<50	<20	15	
	1/11/2011	1230	<0.20	<10	10900	<10	<10	143000	<10	<50	<20	28	
MW-11(2-17)	4/8/2009	963	<0.20	<10	185000	<10	<10	4000000	<5.0	<50	<20	<10	
	04/08/2009*FD	955	<0.20	<10	188000	<10	<10	4670000	<5.0	<50	<20	<10	
	7/30/2009	705	<0.20	<10	197000	<10	<10	4260000	<10	<50	<20	<10	
	10/27/2009	580	<0.20	<10	224000	<10	<10	5400000	<10	<50	<20	<10	
	1/21/2010	487	<0.20	<10	172000	<10	<10	4310000	<2.0	<50	20.1	<10	
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed

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Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	2290	<6.0	14.8	566	<1.0	<3.0	229000	<10	<50	19.4	2370	5.8	641000
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<200	<6.0	5.8	<200	<1.0	<3.0	116000	<10	<50	75.5	679	73.2	13600
	7/30/2009	<200	<6.0	<3.0	220	<1.0	<3.0	197000	<10	<50	<10	8370 J	19.8	20500
	10/27/2009	644	<6.0	<8.0	477	<1.0	3.4	187000	<10	<50	23.6	7900	61.3	21100
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<200	<6.0	<3.0	228	<1.0	<3.0	188000	<10	<50	<10	5270	8.3	19200
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<200	<6.0	<3.0	1090	<1.0	<3.0	195000	<10	<50	<10	4310	6.4	22100
	1/11/2011	<200	<6.0	<3.0	642	<1.0	<3.0	183000	<10	<50	26.9	3410	33.9	21300
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	9320	<6.0	34.8	248	<1.0	<3.0	76600	16.1	<50	57.5	33900	11.0	7980
	10/28/2009	<200	<6.0	26.7	213	<1.0	<3.0	77300	<10	<50	<10	37400	<3.0	6290
	1/26/2010	2390	<6.0	25.0	<200	<1.0	<3.0	68500	<10	<50	29.2	45000	3.1	6370
	4/23/2010	<200	<6.0	31.6	<200	<1.0	<3.0	79200	<10	<50	<10	52600	<3.0	6500
	7/22/2010	<200	<6.0	34.5	<200	<1.0	<3.0	71300	<10	<50	<10	51800	<3.0	5990
	10/20/2010	<200	<6.0	37.5	<200	<1.0	<3.0	61100	<10	<50	<10	46900	<3.0	5270
	1/11/2011	<200	<6.0	31.1	<200	<1.0	<3.0	69000	<10	<50	<10	46100	<3.0	5880
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<200	<6.0	23.1	246	<1.0	<3.0	78800	<10	<50	<10	47400	<3.0	19200
	10/20/2010	<200	<6.0	22.5	<200	<1.0	<3.0	52400	<10	<50	<10	35000	<3.0	12300
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-18(17.5-37.5)	9/24/2009	255	<6.0	23.0	717	<1.0	<3.0	238000	<10	<50	<10	50800	<3.0	85400
	10/29/2009	<200	<6.0	<8.0	667	<1.0	<3.0	226000	<10	<50	<10	53800	<3.0	64900
	1/26/2010	230	<6.0	6.2	788	<1.0	<3.0	295000	<10	<50	<10	65700	<3.0	88300
	4/22/2010	<200	<6.0	6.3	690	<1.0	<3.0	224000	<10	<50	<10	28900	<3.0	61000
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<200	<6.0	10.8	793	<1.0	<3.0	254000	<10	<50	<10	45300	<3.0	74900
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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April 2009 through January 2011

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/22/2010	306	<0.20	<10	189000	<10	<10	4380000	<10	<50	<200	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-13(1-8)	4/8/2009	106	<0.20	<10	17800	<10	<10	61000	<5.0	<50	174	44	
	7/30/2009	410	<0.20	<10	21900	<10	<10	76700	<10	<50	174	16	
	10/27/2009	354	<0.20	<10	22200	<10	<10	78900	<10	<50	578	<10	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	4/22/2010	295	<0.20	<10	18900	<10	<10	79800	<10	<50	151	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	10/20/2010	260	<0.20	<10	25800	11.4	<10	103000	<10	<50	22.8	13	
	1/11/2011	226	<0.20	<10	26200	<10	<10	111000	<10	<50	85.4	18	
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-15(5.5-20.5)	7/28/2009	476	<0.20	10.3	11200	<10	<10	61100	<10	<50	35.3	<10	
	10/28/2009	600	<0.20	<10	11700	<10	<10	74600	<2.0	<50	<20	<10	
	1/26/2010	674	<0.20	<10	11100	<10	<10	76200	<10	<50	<20	<10	
	4/23/2010	1220	<0.20	<10	11400	<10	<10	90100	<10	<50	<20	<10	
	7/22/2010	902	<0.20	<10	10400	<10	<10	77600	<10	<50	<20	<10	
	10/20/2010	881	<0.20	<10	10700	<10	<10	71800	<10	<50	<20	<10	
	1/11/2011	750	<0.20	<10	11400	<10	<10	83700	<10	<50	<20	<10	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/20/2010	836	<0.20	<10	<10000	<10	<10	64700	<10	<50	<20	<10	
	10/20/2010	717	<0.20	<10	<10000	<10	<10	81100	<10	<50	<20	<10	
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-18(17.5-37.5)	9/24/2009	1200	<0.20	<10	17500	<10	<10	58800	<5.0	<50	<20	<10	
	10/29/2009	1320	<0.20	<10	23100	<10	<10	51300	<10	<50	<20	<10	
	1/26/2010	1780	<0.20	<10	20200	<10	<10	57100	<10	<50	<20	17	
	4/22/2010	1600	<0.20	<10	20700	<10	<10	41400	<10	<50	<20	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/21/2010	1530	<0.20	<10	19200	10.1	<10	54100	<10	<50	<20	<10	
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	3030	<6.0	<3.0 J	227	<1.0	<3.0	98800	<10 J	<50 J	44.2 J	24600	7.0	36600
	10/28/2009	2210	<6.0	<3.0	251	<1.0	<3.0	102000	<10	<50	20.7	30800	<3.0	32600
	1/21/2010	490	<6.0	<3.0	<200	<1.0	<3.0	83700	<10	<50	31.4	19200	<3.0	33400
	4/23/2010	337	<6.0	<3.0	<200	1.0	<3.0	182000	<10	<50	<10	12000	<3.0	44800
	7/20/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	113000	<10	<50	<10	26200	<3.0	36500
	10/21/2010	362	<6.0	<3.0	215	<1.0	<3.0	106000	<10	<50	33.0	22800	<3.0	37000
	1/13/2011	597	<6.0	<3.0	232	<1.0	<3.0	115000	<10	<50	<10	20400	<3.0	44000
MW-21(10.5-25.5)	7/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	119000	<10	<50	<10	287	<3.0	38400
	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	111000	<10	<50	<10	227	<3.0	34300
	10/28/2009*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	116000	<10	<50	<10	144	<3.0	35800
	1/21/2010	297	<6.0	<3.0	<200	<1.0	<3.0	106000	<10	<50	29.6	502	<3.0	34300
	4/22/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	99700	<10	<50	<10	206	<3.0	30800
	7/19/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	114000	<10	<50	<10	221	<3.0	36600
	10/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	117000	<10	<50	<10	439	<3.0	38000
	1/13/2011	<200	<6.0	<3.0	<200	<1.0	<3.0	111000	<10	<50	<10	<100	<3.0	36600
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2011

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-20(9.5-29.5)	7/27/2009	4010	<0.20	<10	<10000	<10 J	<10	90100	<10	<50	39.5	<10	
	10/28/2009	3130	<0.20	<10	<10000	<10	<10	148000	<2.0	<50	<20	<10	
	1/21/2010	2750	<0.20	<10	<10000	<10	<10	114000	<2.0	<50	22.1	<10	
	4/23/2010	6120	<0.20	37.0	<10000	<10	<10	322000	<10	<50	<20	<10	
	7/20/2010	3540	<0.20	<10	<10000	<10	<10	168000	<10	<50	<20	<10	
	10/21/2010	2850	<0.20	<10	<10000	<10	<10	162000	<10	<50	<20	<10	
	1/13/2011	3170	<0.20	<10	<10000	<10	<10	165000	<5.0	<50	<20	<10	
MW-21(10.5-25.5)	7/27/2009	83.9	<0.20	<10	<10000	11.2	<10	78600	<10	<50	<20	<10	
	10/28/2009	41.0	<0.20	<10	<10000	<10	<10	76100	<2.0	<50	<20	<10	
	10/28/2009*FD	37.4	<0.20	<10	<10000	10.4	<10	78400	<2.0	<50	<20	<10	
	1/21/2010	24.0	<0.20	17.1	<10000	<10	<10	70900	<2.0	<50	27.4	<10	
	4/22/2010	<15	<0.20	<10	<10000	<10	<10	81300	<10	<50	<20	<10	
	7/19/2010	23.0	<0.20	<10	<10000	<10	<10	76400	<10	<50	<20	<10	
	10/21/2010	21.0	<0.20	<10	<10000	<10	<10	82700	<10	<50	<20	<10	
	1/13/2011	<15	<0.20	<10	<10000	<10	<10	81700	<5.0	<50	<20	<10	
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

Notes:

~ - no standard or guidance value exists

<1.0 - Not detected at or above the laboratory reporting limit shown

Concentrations are reported in micrograms per liter.

* FD - Field duplicate sample

LNAPL - Light non-aqueous phase liquid

J - Indicates an estimated value

NYSDEC Standards and Guidance Values - New York State Department of

Environmental Conservation Technical and Operational Guidance Series

(TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values,

June 1998 and Addendum April 2000

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-3(3-18)	10/29/2009	116000	<12	124	<400	3.2	10.8	571000	224	<100	35.6	192000	111	244000
	10/21/2010	130000	<30	129	<1000	<5.0	<15	591000	190	<250	229	256000	128	222000
MW-4D(13.5-18.5)	1/26/2010	<200	<6.0	16.0	<200	<1.0	<3.0	51500	<10	<50	<10	26200	<3.0	10200
	01/26/2010*FD	<200	<6.0	17.6	<200	<1.0	<3.0	51600	<10	<50	<10	26200	<3.0	10200
MW-8(1-13)	4/8/2009	<200	8.5 J	5.9 J	<200	<5.0	<3.0	214000	<10 J	<50 J	<10	<100	<30 J	657000
	7/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	212000	<10	<50	<10	789	<30	706000
	1/20/2010	<200	<600	11.8	<200	<1.0	<3.0	241000	<10	<50	<10	<100	9.2	818000
MW-10(3-13)	4/8/2009	<200	<6.0	25.5	<200	<1.0	<3.0	60500	<10	<50	<10	6370	<3.0	5920
MW-11(2-17)	4/8/2009	<200	<6.0	6.5	<200	<1.0	<3.0	216000	<10	<50	<10	1460	<30	540000
	04/08/2009*FD	<200	6.4	9.7	<200	<1.0	<3.0	215000	<10	<50	<10	1520	<30	543000
MW-12(2-16)	4/22/2010	<200	<6.0	10.3	566	<1.0	<3.0	228000	<10	<50	<10	<100	<30	631000
MW-13(1-8)	4/8/2009	<200	<6.0	6.9	<200	<1.0	<3.0	119000	<10	<50	<10	426	<3.0	13600
MW-15(5.5-20.5)	7/28/2009	<200	<6.0	17.3	209	<1.0	<3.0	78300	<10	<50	<10	19000	<3.0	6920
	10/28/2009	<200	<6.0	29.9	227	<1.0	<3.0	81300	<10	<50	<10	39800	<3.0	6630
	1/26/2010	<200	<6.0	24.6	<200	<1.0	<3.0	72200	<10	<50	<10	44000	<3.0	6340
MW-18(17.5-37.5)	4/22/2010	<200	<6.0	5.9	687	<1.0	<3.0	223000	<10	<50	<10	28200	<3.0	60600
MW-20(9.5-29.5)	7/27/2009	<200	<6.0	<3.0 J	232	<1.0	<3.0	110000	<10 J	<50 J	<10 J	20000	<3.0	38600
	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	79800	<10	<50	<10	21700	<3.0	31200
	1/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	82400	<10	<50	<10	18600	<3.0	33300

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2010

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	
MW-3(3-18)	10/29/2009	9180	<0.20	97.2	160000	<20	<20	543000	<10	203	1100	Sampled below LNAPL
	10/21/2010	6770	<0.80	114	159000	<50	<50	798000	<50	<250	921	Sampled below LNAPL
MW-4D(13.5-18.5)	1/26/2010	437	<0.20	<10	13400	<10	<10	134000	<10	<50	<20	
	01/26/2010*FD	434	<0.20	<10	13300	<10	<10	134000	<10	<50	<20	
MW-8(1-13)	4/8/2009	79.2	<0.20	<10 J	251000	<10	<10	5580000	<2.0 J	<50 J	<20 J	
	7/28/2009	289	<0.20	<10	255000	<10	<10	5040000	<20	<50	<20	
	1/20/2010	65.2	<0.20	<10	403000	<10	<10	7090000	<1000	<50	<20	
MW-10(3-13)	4/8/2009	393	<0.20	<10	<10000	<10	<10	19200	<5.0	<50	<20	
MW-11(2-17)	4/8/2009	959	<0.20	<10	186000	<10	<10	4340000	<5.0	<50	<20	
	04/08/2009*FD	974	<0.20	<10	187000	<10	<10	4260000	<5.0	<50	<20	
MW-12(2-16)	4/22/2010	279	<0.20	<10	183000	<10	<10	4490000	<10	<50	<200	
MW-13(1-8)	4/8/2009	125	<0.20	<10	17700	<10	<10	62900	<5.0	<50	<20	
MW-15(5.5-20.5)	7/28/2009	435	<0.20	<10	10600	<10	<10	66700	<10	<50	<20	
	10/28/2009	626	<0.20	<10	12300	<10	<10	79000	<2.0	<50	<20	
	1/26/2010	698	<0.20	<10	11400	<10	<10	81200	<10	<50	<20	
MW-18(17.5-37.5)	4/22/2010	1570	<0.20	<10	20600	<10	<10	43100	<10	<50	<20	
MW-20(9.5-29.5)	7/27/2009	4310	<0.20	<10	<10000	<10 J	<10	109000	<10	<50	<20	
	10/28/2009	3130	<0.20	<10	<10000	<10	<10	107000	<2.0	<50	<20	
	1/21/2010	2800	<0.20	<10	<10000	<10	<10	104000	<2.0	<50	<20	

Notes:

<1.0 - Not detected at or above the laboratory reporting limit shown

Concentrations are reported in micrograms per liter.

Dissolved samples were field filtered

* FD - Field duplicate sample

Filtered and unfiltered groundwater samples were collected for metals analysis if the turbidity measurement was greater than 50 nephelometric turbidity units (ntu)

J - Indicates an estimated value

LNAPL - Light non-aqueous phase liquid

NYSDEC Standards and Guidance Values - New York State Department of Environmental Conservation Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values, June 1998 and Addendum April 2000

~ - no standard or guidance value exists

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

TABLE 8
GROUNDWATER ANALYTICAL DATA - GENERAL CHEMISTRY

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2010

Sample ID	Date	pH	Bromide	Chloride	Fluoride	Nitrate	Nitrite	Nitrate & Nitrite	Total Phosphorous	Sulfates
MW-1(6-18)	4/7/2009	6.57*	NA	NA	NA	NA	NA	NA	NA	NA
MW-3(3-18)	10/29/2009	2.14*	<20	1050	<1.0	<0.55	<0.050	<0.50	<0.50	10900
	7/22/2010	NA	<8.0	1370	<0.80	<.21	<0.10	<.20	0.74	4,150
	10/21/2010	1.53*	NA	1810	NA	<2.0	<0.0020	<2.0	2.9	14,100
MW-8(1-13)	4/8/2009	7.59*	NA	NA	NA	NA	NA	NA	NA	NA
MW-10(3-13)	4/8/2009	6.90*	NA	NA	NA	NA	NA	NA	NA	NA
MW-11(2-17)	4/8/2009	6.58*	NA	NA	NA	NA	NA	NA	NA	NA
MW-13(1-8)	4/8/2009	8.43*	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Concentrations are reported in milligrams per liter.

pH reported in Standard units

NA - Not analyzed

* - Analyzed out of laboratory holding time

TABLE 9
GROUNDWATER ANALYTICAL DATA - FATTY ACIDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2010

Sample ID	Date	Acetic Acid	Butyric Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid & HBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid
NYSDEC Standards		~	~	~	~	~	~	~	~	0.09
MW-03 (3-18)	4/29/2009	<0.14 U	4.10	<0.10 UM	<0.10 UM	0.80	<0.20 U	<0.07 UM	<0.14 U	5.00
	10/29/2009	14.0	0.74	<1.0U	<1.0U	0.96	5.8	<0.7U	3.7	2.3
	10/21/2010	6.5	1.2	<0.050	<0.050	<0.150	1.800	0.910	1.800	<0.150

Notes:

~ - no standard or guidance value exists

<1.0 - Not detected at or above the laboratory reporting limit shown

U - Not detected at or above the laboratory practical reporting limit shown

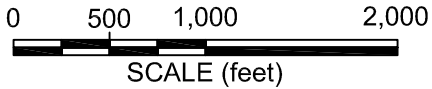
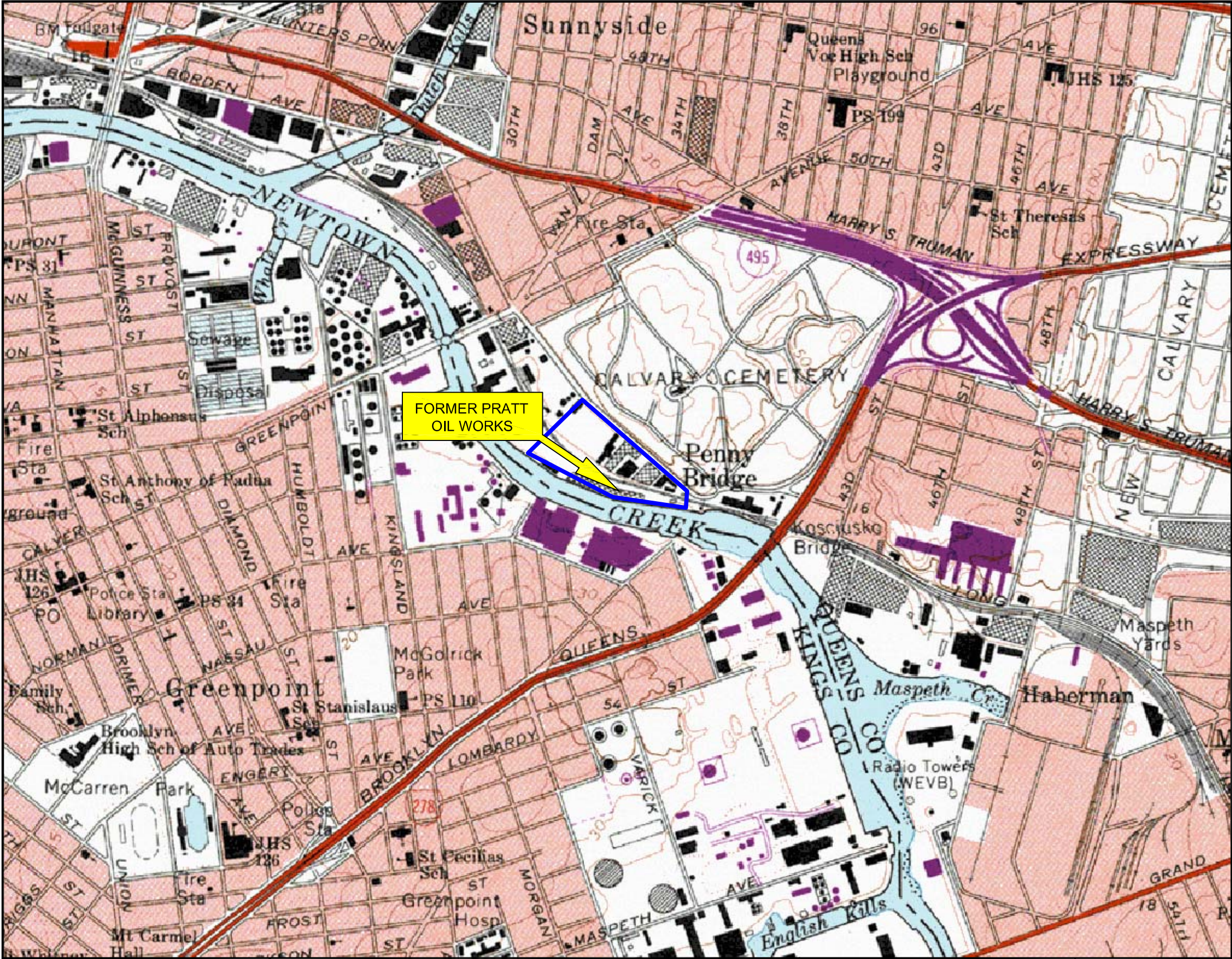
M - Recovery/RPD poor for MS/MSD

Concentrations are reported in milligrams per liter

NYSDEC Standards and Guidance Values - New York State Department of Environmental Conservation Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values, June 1998 and Addendum April 2000

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

FIGURES



APPROXIMATE LOCATION
OF FORMER PRATT OIL WORKS



LATITUDE: 40° 43' 47.32" N
LONGITUDE: 73° 56' 08.26" W



SOURCE:
USGS 7.5' SERIES TOPOGRAPHIC MAP,
"BROOKLYN, NY QUADRANGLE
PHOTOREVISED 1979"

QUADRANGLE
LOCATION

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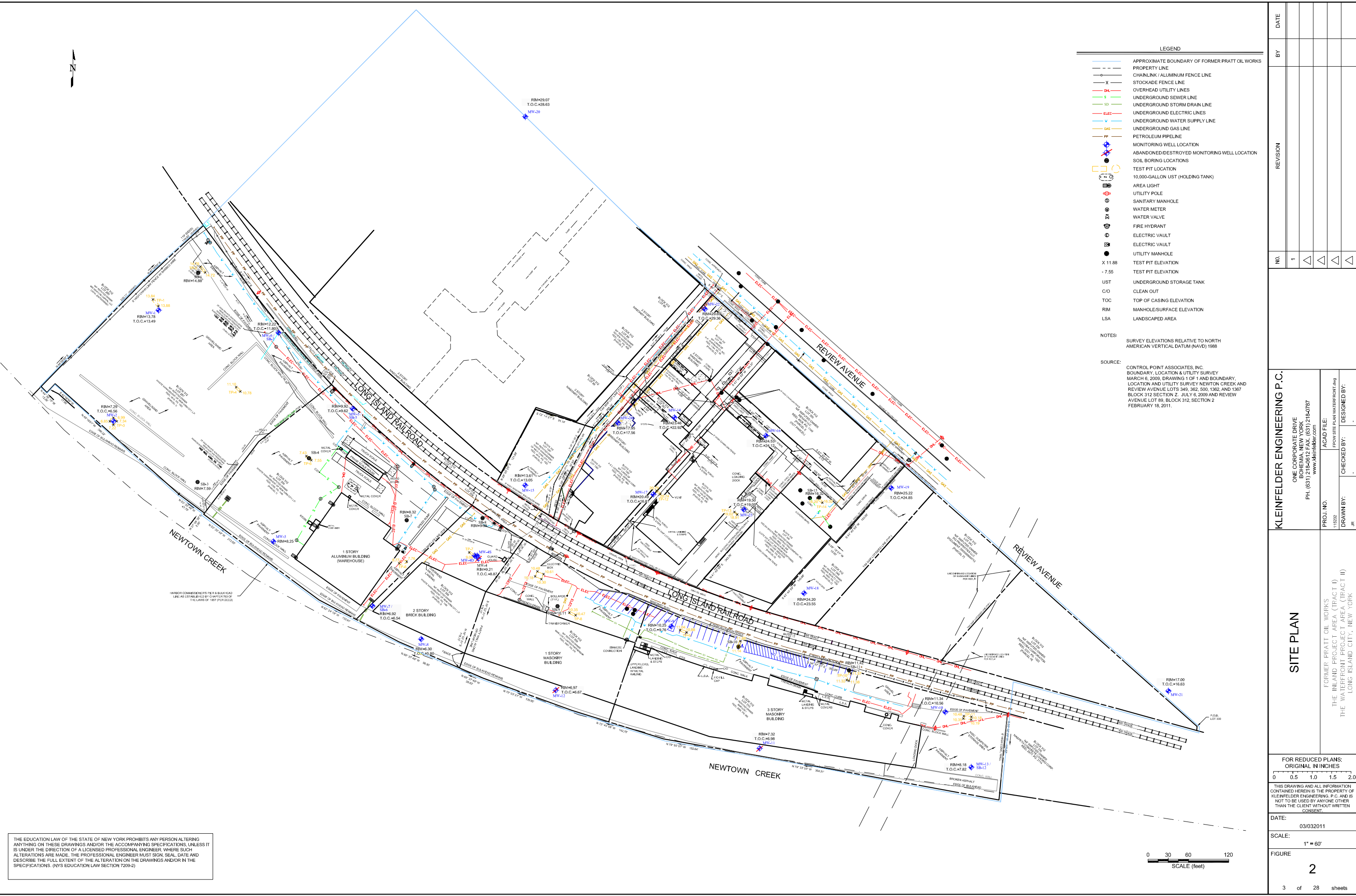
PROJECT NO.	115232
DRAWN:	03/03/2011
DRAWN BY:	JR
CHECKED BY:	
FILE NAME:	

LOCUS PLAN

FORMER PRATT OIL WORKS
THE INLAND PROJECT AREA (TRACT I)
THE WATERFRONT PROJECT AREA (TRACT II)
LONG ISLAND CITY, NEW YORK

FIGURE

1



THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, WHERE SUCH ALTERATIONS ARE MADE. THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7209-2)

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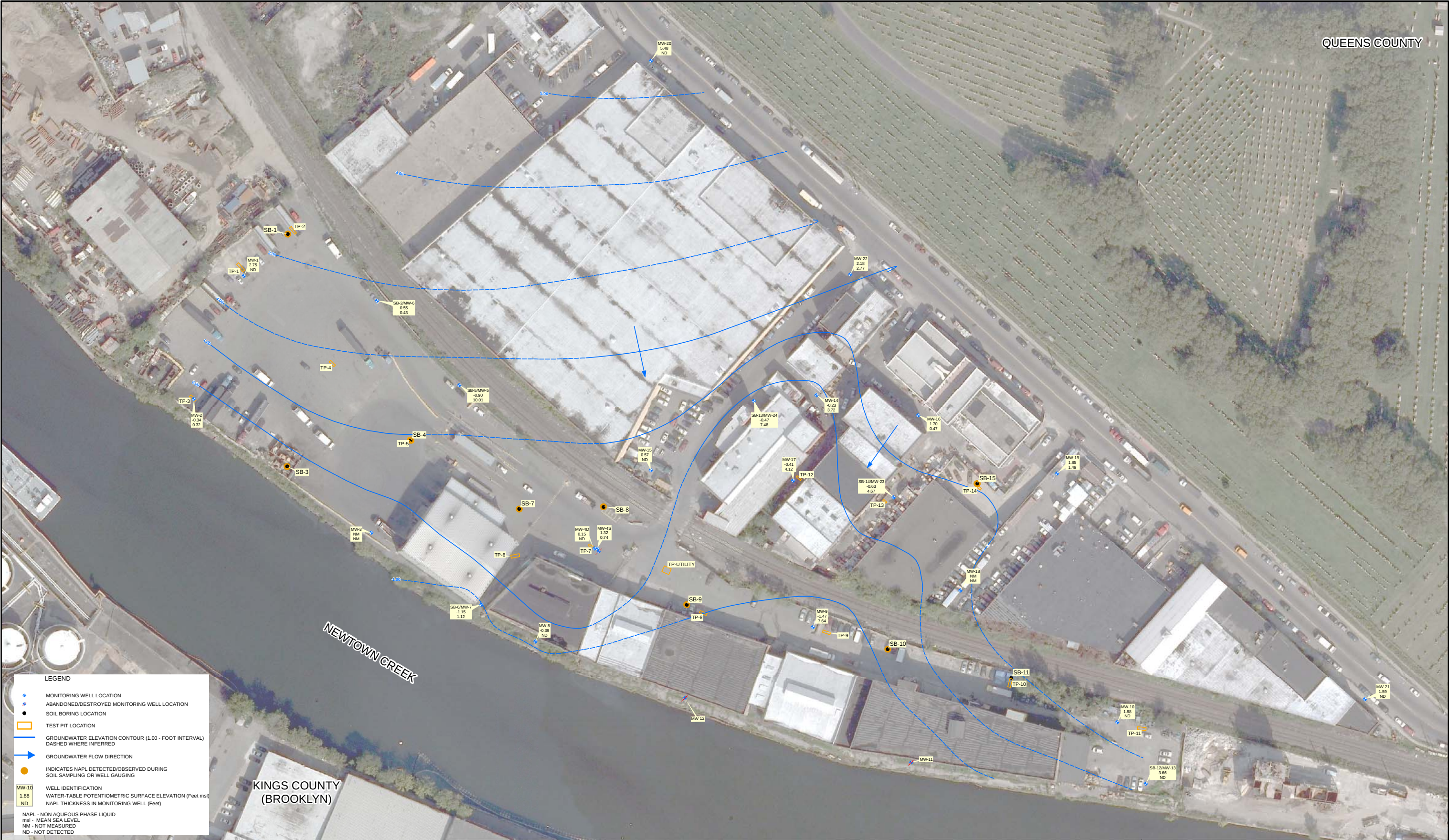


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0 40 80
Feet
1 inch = 80 feet



PROJECT NO.	115232	AERIAL PLAN	FIGURE 3
DRAWN:	03/03/2011		
DRAWN BY:	J.R.		
CHECKED BY:		FORMER PRATT OIL WORKS THE INLAND PROJECT AREA (TRACT I) THE WATERFRONT PROJECT AREA (TRACT II) LONG ISLAND CITY, NEW YORK	
FILE NAME:			







APPENDIX A
Disposal Documentation

www.lorcopetroleum.com

GENERATOR/LOCATION		SALES ORDER #		BILL TO (IF DIFFERENT FROM LOCATION)	
NAME		NAME		NAME	
INFORMATION/ATTENTION LINE		INFORMATION/ATTENTION LINE		INFORMATION/ATTENTION LINE	
DELIVERY ADDRESS		DELIVERY ADDRESS		DELIVERY ADDRESS	
CITY	STATE	ZIP	CITY	STATE	ZIP
PHONE NUMBER	PURCHASE ORDER NUMBER		PHONE NUMBER	PURCHASE ORDER NUMBER	
TIME IN	TIME OUT		MANIFEST NUMBER		

SHIPPING INFORMATION

This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Department of Transportation				US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		SALES REPRESENTATIVE
NO.	TYPE	QTY.	UNIT			

SERVICE SECTION

ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL						
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL						
40611	NEW 55 GAL DRUMS / 17H						
40515	OIL WATER SEPARATOR SERVICE						
41513	TANK WASHER						
41507	TANK ENTRY						
41500	TRANSPORTATION						
41508	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						
PARTS WASHER SERVICE INTERVAL _____ DAYS				CONDITIONALLY EXEMPT SMALL TOTAL			

PARTS WASHER SERVICE INTERVAL _____ DAYS.
USED OIL CUSTOMER SERVICED EVERY 30 DAYS
UNLESS OTHERWISE INDICATED.
USED OIL SERVICE INTERVAL _____ DAYS.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED LORCO HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261, GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is ☐ used oil ☐ used antifreeze
☐ oily water ☐ oil filter ☐ parts washer solvent

☐ Other _____
Description

In accordance the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

Print Name	Title
X	
Signature	Date

GENERATOR/CUSTOMER

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR CERTIFICATION

I certify that this generator generates less than 100 kilograms of hazardous waste per month, as defined at 40 C.F.R. 261, and does not accumulate more than 1,000 kilograms of such waste during the month.

X 
GENERATOR'S SIGNATURE

NON CONDITIONALLY EXEMPT LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT
TEST RESULTS

X PPM

CUSTOMER

TOTAL

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES TO \$ CUSTOMER ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1½% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL _____

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

In accordance with NJAC7:26-6.7b + 40CFR PART 279 LORCO has notified the US EPA of its location and used oil management activities.

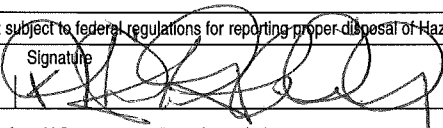
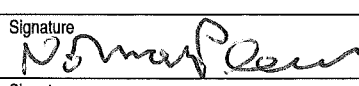
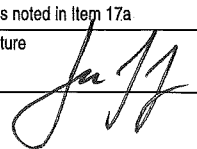
X _____
Print Name

X _____
Signature Date

LORCO REPRESENTATIVE

3

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number C E S Q G	2. Page 1 of 1	3. Emergency Response Phone (800) 424-9300	4. Waste Tracking Number 030111-2		
5. Generator's Name and Mailing Address EXXON MOBIL C/O KLEINFELDER ATTN: JOHN WOLF ONE CORPORATE DR, SUITE 201 BOHEMIA NY 11716			Generator's Site Address (if different than mailing address) EXXON MOBIL 39-14 REVIEW AVE LONG ISLAND CITY NY 11101			
Generator's Phone: (908) 474-6202						
6. Transporter 1 Company Name X HORWITH TRUCKS INC			U.S. EPA ID Number XPAD146714878			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107			U.S. EPA ID Number NYD049836679			
Facility's Phone: (716) 286-1550						
9. Waste Shipping Name and Description 1. NON REGULATED MATERIAL 100156NY		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
		1	DM	50	P208	-06
FILE						
13. Special Handling Instructions and Additional Information 1. 100156NY - PPE PLASTIC SHEETING PADS ER SERVICE CONTRACTED BY WASTE MANAGEMENT						
SERVICE REQUEST # 957447 8643204						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name ON BEHALF OF EXXON MOBIL		Signature <i>[Signature]</i>		Month 3	Day 1	Year 11
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:				
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name X NORMAN PLEISS		Signature <i>[Signature]</i>		Month 3	Day 1	Year 11
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)				Month	Day	Year
H132						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name James J. Li		Signature <i>[Signature]</i>		Month 3	Day 2	Year 11

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number C E S Q G	2. Page 1 of 1	3. Emergency Response Phone (800) 424- 9300	4. Waste Tracking Number 630110-1	
5. Generator's Name and Mailing Address WM OF NY LLC C/O KLEINFELDER Attn: John Wolf ONE CORPORATE DR., STE 201 BOHEMIA NY 11716			Generator's Site Address (if different than mailing address) WASTE MANAGEMENT OF NEW YORK 38-22 REVIEW AVE LONG ISLAND CITY NY 11101			
Generator's Phone: (718) 533- 5310			U.S. EPA ID Number 9A046714378			
6. Transporter 1 Company Name Harcuth Trucks Inc.			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107			U.S. EPA ID Number NYD049836679			
Facility's Phone: (716) 286- 1550						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. NON-REGULATED MATERIAL 100132NY		2	DM	75	P	
2. NON-REGULATED MATERIAL 100142NY		1	DM	50	P	
3. Non-Regulated Material 100131NY		10	DM	5000	P	
4.						
FILE						
13. Special Handling Instructions and Additional Information 1. 100132NY - PPE AND PLASTIC SHEETING NON HAZ 2. 100142NY - MONITORING WELL DEVELOPMENT 3. 100131NY - Petroleum Impacted Soil NH ER SERVICE CONTRACTED BY WASTE MANAGEMENT						
SERVICE REQUEST # 951447 816 43904						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Offor's Printed/Typed Name X KATHUSIA GARCIA			Signature 		Month 3	Day 1
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.			Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name NORMAN PLEISS			Signature 		Month 3	Day 1
Transporter 2 Printed/Typed Name			Signature		Month	Day
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)					U.S. EPA ID Number	
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)					Month	Day
H132 H135						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name JAMES J. L11			Signature 		Month 3	Day 2

Lorco Petroleum Services
450 South Front St.
Elizabeth, NJ 07202
(908) 820-8800
(800) 734-0910
FAX: (908) 820-8412



www.lorcopetroleum.com

STANDARD
COLLECTION
ORDER FORM

FILE 807142

GENERATOR/LOCATION

SALES ORDER #

NAME: James Hall Oil Works
INFORMATION/ATTENTION LINE: _____
ACCOUNT APPROVAL CODE: _____
DELIVERY ADDRESS: 3714 Parkway Ave
CITY: Long Island City NY STATE: _____ ZIP: _____
PHONE NUMBER: _____ PURCHASE ORDER NUMBER: _____
TIME IN: 1215 TIME OUT: 1115

BILL TO (IF DIFFERENT FROM LOCATION)

NAME: Exxon Environmental Serv
INFORMATION/ATTENTION LINE: _____
ACCOUNT APPROVAL CODE: _____
DELIVERY ADDRESS: 400 Kingsland Ave
CITY: Brooklyn STATE: NY ZIP: _____
PHONE NUMBER: _____ PURCHASE ORDER NUMBER: _____
MANIFEST NUMBER: _____

SHIPPING INFORMATION

This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

NO.	TYPE	QTY.	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	SALES REPRESENTATIVE

SERVICE SECTION

ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL						
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL						
40611	NEW 55 GAL DRUMS / 17H						
40515	OIL WATER SEPARATOR SERVICE						
41513	TANK WASHER						
41507	TANK ENTRY						
41500	TRANSPORTATION						
41508	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						

PARTS WASHER SERVICE INTERVAL _____ DAYS.
USED OIL CUSTOMER SERVICED EVERY 30 DAYS
UNLESS OTHERWISE INDICATED.
USED OIL SERVICE INTERVAL _____ DAYS.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED LORCO HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261, GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is ☐ used oil ☐ used antifreeze ☐ oily water ☐ oil filter ☐ parts washer solvent

☐ Other _____ Description: _____

In accordance the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

X _____
Print Name Title
X _____
Signature Date
GENERATOR/CUSTOMER

CONDITIONALLY
EXEMPT SMALL
QUANTITY
GENERATOR
CERTIFICATION

I certify that this generator generates less than 100 kilograms of hazardous waste per month, as defined at 40 C.F.R. 261, and does not accumulate more than 1,000 kilograms of such waste during the month.

X _____
GENERATOR'S SIGNATURE

NON CONDITIONALLY
EXEMPT LARGE
QUANTITY
GENERATOR
CERTIFICATION

DEXSIL CDT
TEST RESULTS

X _____ PPM

CUSTOMER

TOTAL

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES TO CUSTOMER ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1½% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL _____

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

In accordance with NJAC7:26-6.7b + 40CFR PART 279 LORCO has notified the US EPA of its location and used oil management activities.

X _____
Print Name
X _____
Signature Date
LORCO REPRESENTATIVE

Lorco Petroleum Services
450 South Front St.
Elizabeth, NJ 07202
(908) 820-8800
(800) 734-0910
FAX: (908) 820-8412



www.lorcopetroleum.com

STANDARD
COLLECTION
ORDER FORM

813835

GENERATOR/LOCATION

SALES ORDER #

BILL TO (IF DIFFERENT FROM LOCATION)

NAME	3217556	NAME	
INFORMATION/ATTENTION LINE		INFORMATION/ATTENTION LINE	
DELIVERY ADDRESS		DELIVERY ADDRESS	
CITY		CITY	
STATE		STATE	
ZIP		ZIP	
PHONE NUMBER		PHONE NUMBER	
PURCHASE ORDER NUMBER		PURCHASE ORDER NUMBER	
TIME IN		TIME OUT	
		MANIFEST NUMBER	

SHIPPING INFORMATION

This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

NO.	TYPE	QTY.	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	SALES REPRESENTATIVE

SERVICE SECTION

ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL	1072	254	6.40			
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL						
40611	NEW 55 GAL DRUMS / 17H						
40515	OIL WATER SEPARATOR SERVICE						
41513	TANK WASHER						
41507	TANK ENTRY						
41500	TRANSPORTATION						
41508	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						

PARTS WASHER SERVICE INTERVAL _____ DAYS.
USED OIL CUSTOMER SERVICED EVERY 30 DAYS
UNLESS OTHERWISE INDICATED.
USED OIL SERVICE INTERVAL _____ DAYS.

CONDITIONALLY
EXEMPT SMALL
QUANTITY
GENERATOR
CERTIFICATION

I certify that this generator generates less than 100 kilograms of hazardous waste per month, as defined at 40 C.F.R. 261, and does not accumulate more than 1,000 kilograms of such waste during the month.

X
GENERATOR'S SIGNATURE

NON CONDITIONALLY
EXEMPT LARGE
QUANTITY
GENERATOR
CERTIFICATION

DEXSIL CDT
TEST RESULTS

X PPM

TOTAL

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES TO CUSTOMER ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1½% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL \$

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

In accordance with NJAC7:26-6.7b + 40CFR PART 279 LORCO has notified the US EPA of its location and used oil management activities.

X John Greve
Print Name
X
Signature
Date 12/7/10

LORCO REPRESENTATIVE

CUSTOMER

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED LORCO HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261, GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is ☐ used oil ☐ used antifreeze ☐ oily water ☐ oil filter ☐ parts washer solvent

☐ Other _____ Description _____

In accordance the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

X
Print Name
X
Signature
Date

GENERATOR/CUSTOMER

LORCO REPRESENTATIVE

APPENDIX B
Groundwater Laboratory Analytical Reports



01/26/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA65998

Sampling Dates: 01/10/11 - 01/11/11

Report to:

Kleinfelder

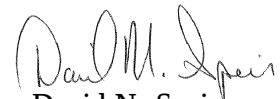
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **48**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


David N. Speis
VP, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

Kleinfelder

Job No: JA65998

Former Pratt Oil Works, Long Island City, NY
Project No: PO#4512298624 WBS#08

Sample Number	Collected			Received	Matrix		Client Sample ID
	Date	Time	By		Code	Type	
JA65998-1	01/10/11	11:14	JD	01/11/11	AQ	Ground Water	MW-1(6-18)
JA65998-1D	01/10/11	10:51	JD	01/11/11	AQ	Water Dup/MSD	MSD-1(MW-1)
JA65998-1S	01/10/11	11:02	JD	01/11/11	AQ	Water Matrix Spike	MS-1(MW-1)
JA65998-2	01/10/11	12:51	JD	01/11/11	AQ	Ground Water	MW-4D(13.5-18.5)
JA65998-3	01/10/11	13:52	JD	01/11/11	AQ	Ground Water	MW-8(1-13)
JA65998-4	01/11/11	13:15	JD	01/11/11	AQ	Ground Water	MW-15(5.5-20.5)
JA65998-5	01/10/11	00:00	JD	01/11/11	AQ	Ground Water	DUP-1
JA65998-6	01/10/11	13:52	JD	01/11/11	AQ	Trip Blank Water	TRIP-

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA65998

Site: Former Pratt Oil Works, Long Island City, NY

Report Date 1/26/2011 10:31:40 A

On 01/11/2011, 5 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.5 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA65998 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V4D276

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65998-1MS, JA65998-1MSD were used as the QC samples indicated.
- RPD(s) for MSD for 1,1,2,2-Tetrachloroethane, Styrene are outside control limits for sample JA65998-1MSD. Outside control limits due to matrix interference.

Matrix: AQ

Batch ID: V4D278

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA66283-10MS, JA66283-10MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP47660

- All samples were extracted within the recommended method holding time.
- Sample(s) JA65998-1MS, JA65998-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 3,3'-Dichlorobenzidine are outside control limits. High percent recoveries and no associated positive found in the QC batch.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP56505

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65998-1MS, JA65998-1MSD, JA65998-1SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Selenium are outside control limits. Spike recovery indicates possible matrix interference.
- Matrix Spike Duplicate Recovery(s) for Selenium are outside control limits. Spike recovery indicates possible matrix interference.
- RPD(s) for Serial Dilution for Arsenic, Nickel, Vanadium, Zinc are outside control limits for sample MP56505-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- JA65998-2 for Thallium: Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).
- JA65998-2 for Lead: Elevated detection limit due to dilution required for matrix interference.
- JA65998-2 for Nickel: Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP56575

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65998-1MS, JA65998-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP57147

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65998-1DUP, JA65998-1MS were used as the QC samples for Cyanide.
- Blank Spike Recovery(s) for Cyanide are outside control limits. Spike blank indicates possible high bias, but all associated samples < DL.
- Matrix Spike Recovery(s) for Cyanide are outside control limits. Spike recovery indicates possible matrix interference.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1(6-18)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06226.D	1	01/19/11	NT	n/a	n/a	V4D276
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	14.3	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	2.6	5.0	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	39.4	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.0	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.57	1.0	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1(6-18)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	1.5	2.0	ug/l	J
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	3.4	5.0	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	0.69	1.0	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	2.9	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	111%		64-135%
2037-26-5	Toluene-D8	105%		76-117%
460-00-4	4-Bromofluorobenzene	99%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1(6-18)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54448.D	1	01/14/11	NAP	01/13/11	OP47660	EP2352
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	ND	1.0	ug/l	
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1(6-18)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	ND	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	25%		13-68%
4165-62-2	Phenol-d5	17%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	MW-1(6-18)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	64%		37-130%
4165-60-0	Nitrobenzene-d5	88%		25-112%
321-60-8	2-Fluorobiphenyl	74%		31-106%
1718-51-0	Terphenyl-d14	68%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-1(6-18)

Lab Sample ID: JA65998-1

Date Sampled: 01/10/11

Matrix: AQ - Ground Water

Date Received: 01/11/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Arsenic	4.0	3.0	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Barium	< 200	200	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Calcium	67100	5000	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Chromium	< 10	10	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Cobalt	< 50	50	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Copper	< 10	10	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Iron	138	100	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Magnesium	< 5000	5000	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Manganese	262	15	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	01/20/11	01/20/11	VK	SW846 7470A ² SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Potassium	< 10000	10000	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Selenium	< 10	10	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Silver	< 10	10	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Sodium	15600	10000	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Thallium	< 10	10	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Vanadium	< 50	50	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³
Zinc	< 20	20	ug/l	1	01/14/11	01/14/11	ND	SW846 6010B ¹ SW846 3010A ³

(1) Instrument QC Batch: MA25690

(2) Instrument QC Batch: MA25715

(3) Prep QC Batch: MP56505

(4) Prep QC Batch: MP56575

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-1(6-18)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	01/18/11 10:22	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4D(13.5-18.5)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06227.D	1	01/19/11	NT	n/a	n/a	V4D276
Run #2	4D06228.D	10	01/19/11	NT	n/a	n/a	V4D276

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	17.7	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	801 ^a	10	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	14.2	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	0.29	1.0	ug/l	J
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-4D(13.5-18.5)

Lab Sample ID: JA65998-2

Date Sampled: 01/10/11

Matrix: AQ - Ground Water

Date Received: 01/11/11

Method: SW846 8260B

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	6.1	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	24.6	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.6	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	1.3	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	2.0	1.0	ug/l	
95-47-6	o-Xylene	0.99	1.0	ug/l	J
1330-20-7	Xylene (total)	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%	105%	76-120%
17060-07-0	1,2-Dichloroethane-D4	112%	108%	64-135%
2037-26-5	Toluene-D8	103%	104%	76-117%
460-00-4	4-Bromofluorobenzene	100%	99%	72-122%

(a) Result is from Run# 2

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D(13.5-18.5)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54451.D	1	01/14/11	NAP	01/13/11	OP47660	EP2352
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	0.53	1.0	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D(13.5-18.5)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	0.70	1.0	ug/l	J
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	22%		13-68%
4165-62-2	Phenol-d5	17%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D(13.5-18.5)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	55%		37-130%
4165-60-0	Nitrobenzene-d5	93%		25-112%
321-60-8	2-Fluorobiphenyl	74%		31-106%
1718-51-0	Terphenyl-d14	67%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-4D(13.5-18.5)

Lab Sample ID: JA65998-2

Date Sampled: 01/10/11

Matrix: AQ - Ground Water

Date Received: 01/11/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	204	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Arsenic	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Barium	< 200	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Beryllium	< 1.0	1.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Calcium	262000	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Iron	316	100	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Lead ^a	< 30	30	ug/l	10	01/14/11	01/18/11 ND	SW846 6010B ²	SW846 3010A ⁴
Magnesium	816000	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Manganese	65.4	15	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	01/20/11	01/20/11 VK	SW846 7470A ³	SW846 7470A ⁵
Nickel ^b	< 20	20	ug/l	2	01/14/11	01/18/11 ND	SW846 6010B ²	SW846 3010A ⁴
Potassium	270000	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Selenium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Sodium	7940000	250000	ug/l	25	01/14/11	01/18/11 ND	SW846 6010B ²	SW846 3010A ⁴
Thallium ^b	< 20	20	ug/l	2	01/14/11	01/18/11 ND	SW846 6010B ²	SW846 3010A ⁴
Vanadium	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴
Zinc	< 20	20	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ⁴

(1) Instrument QC Batch: MA25690

(2) Instrument QC Batch: MA25707

(3) Instrument QC Batch: MA25715

(4) Prep QC Batch: MP56505

(5) Prep QC Batch: MP56575

(a) Elevated detection limit due to dilution required for matrix interference.

(b) Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4D(13.5-18.5)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works,Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	01/18/11 10:23	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-8(1-13)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-3	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06235.D	1	01/19/11	NT	n/a	n/a	V4D276
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	2.1	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8(1-13)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-3	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%
17060-07-0	1,2-Dichloroethane-D4	107%		64-135%
2037-26-5	Toluene-D8	103%		76-117%
460-00-4	4-Bromofluorobenzene	100%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8(1-13)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-3	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54452.D	1	01/14/11	NAP	01/13/11	OP47660	EP2352
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	ND	1.0	ug/l	
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8(1-13)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-3	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	ND	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		13-68%
1465-62-2	Phenol-d5	27%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8(1-13)	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-3	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	66%		37-130%
4165-60-0	Nitrobenzene-d5	95%		25-112%
321-60-8	2-Fluorobiphenyl	73%		31-106%
1718-51-0	Terphenyl-d14	75%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-8(1-13)

Lab Sample ID: JA65998-3

Date Sampled: 01/10/11

Matrix: AQ - Ground Water

Date Received: 01/11/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Arsenic	13.7	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Barium	< 200	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Calcium	54900	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Iron	24800	100	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Magnesium	9220	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Manganese	471	15	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	01/20/11	01/20/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Potassium	14800	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Sodium	125000	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Thallium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Zinc	< 20	20	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA25690

(2) Instrument QC Batch: MA25715

(3) Prep QC Batch: MP56505

(4) Prep QC Batch: MP56575

RL = Reporting Limit

Report of Analysis

Page 1 of 1

Client Sample ID: MW-8(1-13)**Lab Sample ID:** JA65998-3**Matrix:** AQ - Ground Water**Date Sampled:** 01/10/11**Date Received:** 01/11/11**Percent Solids:** n/a**Project:** Former Pratt Oil Works, Long Island City, NY**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	01/18/11 10:24	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	01/11/11
Lab Sample ID:	JA65998-4	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06274.D	1	01/20/11	NT	n/a	n/a	V4D278
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	3.3	10	ug/l	J
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	01/11/11
Lab Sample ID:	JA65998-4	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	0.51	5.0	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		76-120%
17060-07-0	1,2-Dichloroethane-D4	105%		64-135%
2037-26-5	Toluene-D8	104%		76-117%
460-00-4	4-Bromofluorobenzene	100%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	01/11/11
Lab Sample ID:	JA65998-4	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54453.D	1	01/14/11	NAP	01/13/11	OP47660	EP2352
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	ND	1.0	ug/l	
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	01/11/11
Lab Sample ID:	JA65998-4	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	ND	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		13-68%
4165-62-2	Phenol-d5	18%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	01/11/11
Lab Sample ID:	JA65998-4	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	65%		37-130%
4165-60-0	Nitrobenzene-d5	100%		25-112%
321-60-8	2-Fluorobiphenyl	77%		31-106%
1718-51-0	Terphenyl-d14	74%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	01/11/11
Lab Sample ID:	JA65998-4	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Arsenic	31.1	3.0	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Barium	< 200	200	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Calcium	69000	5000	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Chromium	< 10	10	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Cobalt	< 50	50	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Copper	< 10	10	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Iron	46100	100	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Magnesium	5880	5000	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Manganese	750	15	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	01/20/11	01/20/11	VK	SW846 7470A ² SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Potassium	11400	10000	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Selenium	< 10	10	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Silver	< 10	10	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Sodium	83700	10000	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Thallium	< 10	10	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Vanadium	< 50	50	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³
Zinc	< 20	20	ug/l	1	01/14/11	01/15/11	ND	SW846 6010B ¹ SW846 3010A ³

(1) Instrument QC Batch: MA25690

(2) Instrument QC Batch: MA25715

(3) Prep QC Batch: MP56505

(4) Prep QC Batch: MP56575

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	01/11/11
Lab Sample ID:	JA65998-4	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	01/18/11 10:25	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA65998-5	Date Sampled:	01/10/11
Matrix:	AQ - Ground Water	Date Received:	01/11/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06233.D	1	01/19/11	NT	n/a	n/a	V4D276
Run #2	4D06275.D	10	01/20/11	NT	n/a	n/a	V4D278

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	18.2	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	840 ^a	10	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	14.8	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	0.30	1.0	ug/l	J
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-5	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	6.3	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	25.8	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.7	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	1.3	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	2.0	1.0	ug/l	
95-47-6	o-Xylene	1.1	1.0	ug/l	
1330-20-7	Xylene (total)	3.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%	105%	76-120%
17060-07-0	1,2-Dichloroethane-D4	108%	106%	64-135%
2037-26-5	Toluene-D8	103%	103%	76-117%
460-00-4	4-Bromofluorobenzene	99%	99%	72-122%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA65998-5	Date Sampled:	01/10/11
Matrix:	AQ - Ground Water	Date Received:	01/11/11
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54454.D	1	01/14/11	NAP	01/13/11	OP47660	EP2352
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	0.62	1.0	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA65998-5	Date Sampled:	01/10/11
Matrix:	AQ - Ground Water	Date Received:	01/11/11
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	0.85	1.0	ug/l	J
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	25%		13-68%
4165-62-2	Phenol-d5	18%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-5	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	67%		37-130%
4165-60-0	Nitrobenzene-d5	90%		25-112%
321-60-8	2-Fluorobiphenyl	73%		31-106%
1718-51-0	Terphenyl-d14	71%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP-1

Lab Sample ID: JA65998-5

Date Sampled: 01/10/11

Matrix: AQ - Ground Water

Date Received: 01/11/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Arsenic	13.4	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Barium	< 200	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Calcium	54800	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Iron	25100	100	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Magnesium	9210	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Manganese	475	15	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	01/20/11	01/20/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Potassium	14800	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Sodium	127000	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Thallium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Zinc	< 20	20	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA25690

(2) Instrument QC Batch: MA25715

(3) Prep QC Batch: MP56505

(4) Prep QC Batch: MP56575

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-5	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	01/18/11 10:26	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP-	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-6	Date Received:	01/11/11
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06232.D	1	01/19/11	NT	n/a	n/a	V4D276
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP-	Date Sampled:	01/10/11
Lab Sample ID:	JA65998-6	Date Received:	01/11/11
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		76-120%
17060-07-0	1,2-Dichloroethane-D4	106%		64-135%
2037-26-5	Toluene-D8	104%		76-117%
460-00-4	4-Bromofluorobenzene	100%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Accutest New Jersey (Mid Atlantic) Regional Lab
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

[illegible]

JA65998: Chain of Custody

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CHAIN OF CUSTODY- ExxonMobil Projects

PAGE ____ OF ____

Accutest New Jersey (Mid Atlantic) Regional Lab
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JA65998

Client / Reporting Information		SITE NAME - Provide MRN for Retail or AFE for Major Projects		Requested Analysis (see TEST CODE sheet)												Matrix Codes							
Company Name Kleinfelder		Retail Project (MRN)		ExxonMobil Environmental Services Co.												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank							
Street Address One Corporate Drive, Suite 201		Major Project (AFE)																					
City State Zip Bohemia New York 11763		Project Name E3.2007.63972																					
Project Contact John Wolf Phone # (631) 218-0612 Fax # (631) 218-0787 E-mail jwolf@kleinfelder.com		Former Pratt Oil Works City Long Island City State NY ExxonMobil Manager Steve Trifiletti ExxonMobil Purchase Order # 4512298624		If Project is Direct Bill to Consultant Company Name Street Address City State Zip Attention: PO#																			
Sampler(s) Name(s)		Phone #																					
Field ID / Point of Collection		NEOH/ Di Vial #		Collection Date Time		Sampled by		Matrix		# of bottles		Number of preserved Bottles HCL HNO3 H2SO4 NONE DI Water IN Water MECH ENCORE										LAB USE ONLY	
6 Trip-				1/11/11 1700				GW		2		X										21200	
Turnaround Time (Business days)		Approved By (Accutest PM): / Date:		Data Deliverable Information												Comments / Special Instructions							
☒ Std. 10 Business Days ☐ 8 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY				☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" ☐ NYASP Category A ☒ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data												NYASP Category B on CD only (not paper) Trip includes VOC samples from the following wells: MW-1, MW-4D, MW-8, MW-10 MW-13							
Emergency & Rush TIA data available VIA Lablink		Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished by Sampler: Steve Trifiletti		Date Time: 1/11/11 1243		Received By: Chris Laid		Relinquished By: Chris Laid		Date Time: 1/11/11		Received By: Madhus													
Relinquished by Sampler: 2010 COC GW Trip		Date Time:		Received By:		Relinquished By:		Date Time:		Received By:													
Relinquished by:		Date Time:		Received By:		Relinquished By:		Date Time:		Received By:													
5				5		Custody Seal 659654		☒ Intact ☐ Not intact		Preserved where applicable		On Ice ☒ Cooler Temp: 12.5°C											

JA65998: Chain of Custody

Page 2 of 4



Sample Log-In Summary JA65998 CU

Lab Name: ACCUTEST Page 1 of 1

Received by (Print Name): M. CATEA Log-in Date: 1/11/11
Received by (Signature): [Signature]

		CORRESPONDING			
Case Number:	<u>N/A</u>	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
SDG Number:					
SAS Number:	<u>N/A</u>				
REMARKS:		<u>N/A</u>		<u>JA65998</u>	<u>1 m/LAD OK</u>
1. Custody Seal(s)	<u>Present</u> /Absent*	<u>N/A</u>		<u>2</u>	<u>1 vial broken</u>
	Intact/ <u>Broken</u>	<u>N/A</u>		<u>3</u>	<u>OK</u>
2. Custody Seal Numbers:	<u>652, 654</u>	<u>N/A</u>		<u>4</u>	
		<u>N/A</u>		<u>5</u>	
3. Chain-of-Custody Records	<u>Present</u> /Absent*	<u>N/A</u>		<u>6 TB</u>	<u>↓</u>
4. Contract Lab Sample Inform. Sheet (CLIS)	<u>Present</u> /Absent* <u>N/A</u>	<u>N/A</u>			
		<u>N/A</u>			
5. Airbill	Airbill/Sticker <u>N/A</u>	<u>N/A</u>			
	<u>Present</u> /Absent*	<u>N/A</u>			
6. Airbill No.:	<u>N/A</u>	<u>N/A</u>			
		<u>N/A</u>			
7. Sample Tags	<u>Present</u> /Absent* <u>N/A</u>	<u>N/A</u>			
Sample Tag Nos.	Listed/Not Listed on <u>N/A</u>	<u>N/A</u>			
	Chain-of-Custody <u>N/A</u>	<u>N/A</u>			
8. Sample Condition	<u>Intact</u> /Broken* <u>N/A</u>	<u>N/A</u>			
	Leaking	<u>N/A</u>			
9. Does Information on custody rec., CLSIS, & sample tags agree	<u>COC + LABELS Agree</u>	<u>N/A</u>			
		<u>N/A</u>			
10. Date received at Lab:	<u>1/11/11</u>	<u>N/A</u>			
11. Time Received:	<u>1610</u>	<u>N/A</u>			
12. Do aqueous VOC vials have headspace?	<u>Yes</u> /No*				
13. Are preserved voc soil samples fully immersed in preservative?	<u>Yes</u> /No* <u>N/A</u>	<u>N/A</u>			
Sample Transfer					
Fraction:	<u>See Internal</u>				
Area #:					
By:					
On:	<u>Chain of Custody</u>				

* Contract BTSR and attach record of resolution

Reviewed By: _____
Date: _____

Logbook No.: N/A
Logbook Page No.: N/A

Form: SM10-02
Rev. Date: 8/21/03

JA65998: Chain of Custody
Page 3 of 4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA65998

Client:

Immediate Client Services Action Required: No

Date / Time Received: 1/11/2011

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

2

Airbill #'s:

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ | 4. Smpl Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | Infrared gun | |
| 3. Cooler media: | Ice (bag) | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|--------------------------|
| 1. Trip Blank present / cooler: | ☒ | ☐ | ☐ |
| 2. Trip Blank listed on COC: | ☒ | ☐ | ☐ |
| 3. Samples preserved properly: | ☒ | ☐ | |
| 4. VOCs headspace free: | ☒ | ☐ | ☐ |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☒ | ☐ |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

Comments



01/26/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08 Parcel B

Accutest Job Number: JA65999

Sampling Date: 01/11/11

Report to:

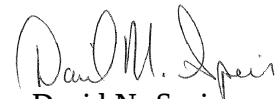
Kleinfelder
One Corporate Drive Suite 201
Bohemia, NY 11716
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **24**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


David N. Speis
VP, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

Kleinfelder

Job No: JA65999

Former Pratt Oil Works,Long Island City, NY
Project No: PO#4512298624 WBS#08 Parcel B

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA65999-1	01/11/11	10:22 SP	01/11/11	AQ	Ground Water	MW-10(3-13)
JA65999-2	01/11/11	12:33 SP	01/11/11	AQ	Ground Water	MW-13(1-8)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No: JA65999

Site: Former Pratt Oil Works, Long Island City, NY

Report Date: 1/26/2011 8:36:22 AM

On 01/11/2011, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.5 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA65999 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: VU5655

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA65931-3MS, JA65931-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ

Batch ID: VU5659

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA65999-2MS, JA65999-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP47687

- All samples were extracted within the recommended method holding time.
- Sample(s) JA66101-1MS, JA66101-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 3,3'-Dichlorobenzidine are outside control limits. High percent recoveries and no positive found in the QC batch.
- Matrix Spike Recovery(s) for 2,4-Dinitrophenol, 3-Nitroaniline, 4,6-Dinitro-o-cresol, 4-Chloroaniline, Acetophenone, Benzaldehyde, Phenol are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 2,4-Dinitrophenol, 3-Nitroaniline, 4,6-Dinitro-o-cresol, Benzaldehyde, Benzo(k)fluoranthene, bis(2-Ethylhexyl)phthalate, Phenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Chlorophenol, Atrazine are outside control limits. Outside control limits due to matrix interference.
- RPD(s) for MSD for 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Chlorophenol, 4-Chloroaniline, 4-Nitrophenol, Atrazine are outside control limits for sample OP47687-MSD. Outside control limits due to matrix interference.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP56505

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65998-1MS, JA65998-1MSD, JA65998-1SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Selenium are outside control limits. Spike recovery indicates possible matrix interference.
- Matrix Spike Duplicate Recovery(s) for Selenium are outside control limits. Spike recovery indicates possible matrix interference.
- RPD(s) for Serial Dilution for Arsenic, Nickel, Vanadium, Zinc are outside control limits for sample MP56505-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP56575

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65998-1MS, JA65998-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP57174

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65999-1DUP, JA65999-1MS were used as the QC samples for Cyanide.
- Matrix Spike Recovery(s) for Cyanide are outside control limits. Spike recovery indicates possible matrix interference.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U140490.D	1	01/13/11	JTP	n/a	n/a	VU5655
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		76-120%
17060-07-0	1,2-Dichloroethane-D4	83%		64-135%
2037-26-5	Toluene-D8	96%		76-117%
460-00-4	4-Bromofluorobenzene	92%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54492.D	1	01/17/11	NAP	01/15/11	OP47687	EP2353
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	0.73	1.0	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	0.55	1.0	ug/l	J
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		13-68%
1465-62-2	Phenol-d5	19%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	79%		37-130%
4165-60-0	Nitrobenzene-d5	103%		25-112%
321-60-8	2-Fluorobiphenyl	78%		31-106%
1718-51-0	Terphenyl-d14	61%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-10(3-13)

Lab Sample ID: JA65999-1

Date Sampled: 01/11/11

Matrix: AQ - Ground Water

Date Received: 01/11/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Arsenic	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Barium	335	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Calcium	190000	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Iron	13100	100	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Magnesium	19700	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Manganese	1230	15	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	01/20/11	01/20/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Potassium	10900	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Sodium	143000	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Thallium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Zinc	< 20	20	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA25690

(2) Instrument QC Batch: MA25715

(3) Prep QC Batch: MP56505

(4) Prep QC Batch: MP56575

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-1	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.028	0.010	mg/l	1	01/20/11 12:37	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U140549.D	1	01/15/11	JTP	n/a	n/a	VU5659
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	4.1	10	ug/l	J
71-43-2	Benzene	1.4	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	0.47	5.0	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	0.56	1.0	ug/l	J
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	0.56	1.0	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		76-120%
17060-07-0	1,2-Dichloroethane-D4	88%		64-135%
2037-26-5	Toluene-D8	97%		76-117%
460-00-4	4-Bromofluorobenzene	95%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54509.D	1	01/18/11	NAP	01/15/11	OP47687	EP2354
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	ND	1.0	ug/l	
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	1.3	2.0	ug/l	J
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	ND	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	18%		13-68%
1465-62-2	Phenol-d5	12%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	78%		37-130%
4165-60-0	Nitrobenzene-d5	93%		25-112%
321-60-8	2-Fluorobiphenyl	81%		31-106%
1718-51-0	Terphenyl-d14	51%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-13(1-8)

Lab Sample ID: JA65999-2

Date Sampled: 01/11/11

Matrix: AQ - Ground Water

Date Received: 01/11/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Arsenic	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Barium	642	200	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Calcium	183000	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Copper	26.9	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Iron	3410	100	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Lead	33.9	3.0	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Magnesium	21300	5000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Manganese	226	15	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	01/20/11	01/20/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Potassium	26200	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Sodium	111000	10000	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Thallium	< 10	10	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³
Zinc	85.4	20	ug/l	1	01/14/11	01/15/11 ND	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA25690

(2) Instrument QC Batch: MA25715

(3) Prep QC Batch: MP56505

(4) Prep QC Batch: MP56575

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	01/11/11
Lab Sample ID:	JA65999-2	Date Received:	01/11/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.018	0.010	mg/l	1	01/20/11 12:39	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Accutest New Jersey (Mid Atlantic) Regional Lab
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JA65999

Client / Reporting Information		SITE NAME - FPOW		Requested Analysis (see TEST CODE sheet)		Matrix Codes	
Company Name Kleinfelder		Retail Project (MRN) Major Project (AFI)		ExxonMobil Environmental Services Co.		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank	
Street Address One Corporate Drive, Suite 201		Major Project (AFI) E3.2007.63972		If Project is Direct Bill to Consultant			
City State Zip Bohemia New York 11783		Project Name Former Pratt Oil Works (Parcel B)		Company Name			
Project Contact John Wolf		City State Long Island City NY		Street Address			
E-mail jwolf@kleinfelder.com		ExxonMobil Manager Steve Trifiletti		City State Zip			
Phone # (631) 218-0612		ExxonMobil Purchase Order # 4512298624		Attention:		PO#	
Fax # (631) 218-0787							
Sampler(s) Name(s)							

Accutest Sample #	Field ID / Point of Collection	MEOH DI Vial #	Collection				Matrix	# of bottles	Number of preserved Bottles										LAB USE ONLY
			Date	Time	Sampled by				HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE			
1	MW-10(3-13)		1/11/11	1022	SP	GW	7	X	X	X	X	X	X	X	X	X	EX 14, AMET 20, WC 24, 2118		
2	MW-13(1-8)		1/11/11	1233	SP	GW	7	X	X	X	X	X	X	X	X	X			

☒ Std. 10 Business Days ☐ 5 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY		Approved By (Accutest PM): / Date: _____ _____ _____ _____	☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" ☐ NYASP Category A ☒ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other _____ Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data	Comments / Special Instructions NYASP Category B on CD only (not paper) _____ _____ _____
---	--	---	---	---

Emergency & Rush T/A data available VIA Lablink			
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished by Sampler: Shane Perry Date Time: 1/11/11 12:40	Received By: Chris Land Date Time: 1/11/11 1:10	Relinquished by: Chris Land Date Time: 1/11/11 1:10	Received By: Markus Date Time: 1/11/11 1:10
Relinquished by Sampler: Shane Perry Date Time: 1/11/11 12:40	Received By: Chris Land Date Time: 1/11/11 1:10	Relinquished by: Chris Land Date Time: 1/11/11 1:10	Received By: Markus Date Time: 1/11/11 1:10
Relinquished by: Shane Perry Date Time: 1/11/11 12:40	Received By: Chris Land Date Time: 1/11/11 1:10	Relinquished by: Chris Land Date Time: 1/11/11 1:10	Received By: Markus Date Time: 1/11/11 1:10
Custody Seal # 652, 654 ☒ Intact ☐ Not Intact Preserved where applicable On Ice ☐ Cooler Temp. 1.7, 2.5 °C			



Sample Log-In Summary

JA65999 COC

Lab Name: <u>ACCUTEST</u>		Page <u>1</u> of <u>1</u>	
Received by (Print Name): <u>M. CATENA</u>		Log-in Date: <u>1/11/11</u>	
Received by (Signature): <u>[Signature]</u>			
Case Number: <u>N/A</u>		CORRESPONDING	
SDG Number: <u></u>		NYSDEC SAMPLE #	SAMPLE TAG #
SAS Number: <u>N/A</u>		ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
REMARKS:			
1. Custody Seal(s) <u>Present/Absent*</u>		<u>N/A</u>	<u>JA65999-1</u>
<u>Intact/Broken</u>		<u>N/A</u>	<u>-2</u>
2. Custody Seal Numbers: <u>652, 654</u>		<u>N/A</u>	
3. Chain-of-Custody Records <u>Present/Absent*</u>		<u>N/A</u>	
4. Contract Lab Sample Inform. Sheet (CLSIS) <u>Present/Absent*/N/A</u>		<u>N/A</u>	
5. Airbill <u>Airbill/Sticker*/N/A</u>		<u>N/A</u>	
6. Airbill No.: <u>N/A</u>		<u>N/A</u>	
7. Sample Tags <u>Present/Absent*/N/A</u>		<u>N/A</u>	
Sample Tag Nos. <u>Listed/Not Listed on</u>		<u>N/A</u>	
Chain-of-Custody <u>N/A</u>		<u>N/A</u>	
8. Sample Condition <u>Intact/Broken*/Leaking</u>		<u>N/A</u>	
9. Does Information on custody rec., CLSIS, & sample tags agree <u>Yes/No*</u>		<u>N/A</u>	
10. Date received at Lab: <u>1/11/11</u>		<u>N/A</u>	
11. Time Received: <u>1610</u>		<u>N/A</u>	
12. Do aqueous VOC vials have headspace? <u>Yes/No*</u>			
13. Are preserved voc soil samples fully immersed in preservative? <u>Yes/No* (N/A)</u>		<u>N/A</u>	
Sample Transfer			
Fraction: <u>See Internal</u>			
Area #: <u>Chain of Custody</u>			
By: <u></u>			
On: <u></u>			

JA65999: Chain of Custody

Page 2 of 3

* Contract BTSR and attach record of resolution

Reviewed By:

Date:

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10-02

Rev. Date: 8/21/03

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA65999

Client:

Immediate Client Services Action Required: No

Date / Time Received: 1/11/2011

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

2

Airbill #'s:

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ | 4. Smpl Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | Infrared gun | |
| 3. Cooler media: | Ice (bag) | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | ☐ | ☒ | ☐ |
| 2. Trip Blank listed on COC: | ☐ | ☒ | ☐ |
| 3. Samples preserved properly: | ☒ | ☐ | |
| 4. VOCs headspace free: | ☒ | ☐ | ☐ |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☒ | ☐ |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

Comments



01/26/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA66158

Sampling Date: 01/13/11

Report to:

Kleinfelder

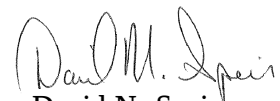
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **30**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


David N. Speis
VP, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Test results relate only to samples analyzed.

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Sample Summary

Kleinfelder

Job No: JA66158

Former Pratt Oil Works, Long Island City, NY
Project No: PO#4512298624 WBS#08

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA66158-1	01/13/11	10:54 JD	01/14/11	AQ	Ground Water	MW-20(9.5-29.5)
JA66158-2	01/13/11	12:20 JD	01/14/11	AQ	Trip Blank Water	TB
JA66158-3	01/13/11	12:20 JD	01/14/11	AQ	Ground Water	MW-21(10.5-25.5)
JA66158-4	01/13/11	12:20 JD	01/14/11	AQ	Trip Blank Water	TB

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder**Job No:** JA66158**Site:** Former Pratt Oil Works, Long Island City, NY**Report Date** 1/26/2011 3:10:25 PM

On 01/14/2011, 2 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA66158 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ**Batch ID:** V4D277

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA66307-5MS, JA66307-5MSD were used as the QC samples indicated.

Matrix: AQ**Batch ID:** V4D278

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA66283-10MS, JA66283-10MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ**Batch ID:** OP47722

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA66158-1MS, JA66158-1MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for 3,3'-Dichlorobenzidine are outside control limits. Outside of method control limits, but within reasonable method recovery limits.

Metals By Method SW846 6010B

Matrix: AQ**Batch ID:** MP56539

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA66158-3MS, JA66158-3MSD, JA66158-3SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Copper, Aluminum, Chromium, Iron, Manganese, Nickel, Selenium, Vanadium are outside control limits for sample MP56539-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: AQ**Batch ID:** MP56590

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65655-1MS, JA65655-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP57174

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA65999-1DUP, JA65999-1MS were used as the QC samples for Cyanide.
- Matrix Spike Recovery(s) for Cyanide are outside control limits. Spike recovery indicates possible matrix interference.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-20(9.5-29.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-1	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06258.D	1	01/20/11	NT	n/a	n/a	V4D277
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20(9.5-29.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-1	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		76-120%
17060-07-0	1,2-Dichloroethane-D4	113%		64-135%
2037-26-5	Toluene-D8	102%		76-117%
460-00-4	4-Bromofluorobenzene	101%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20(9.5-29.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-1	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54529.D	1	01/19/11	NAP	01/18/11	OP47722	EP2355
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	ND	1.0	ug/l	
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	0.65	1.0	ug/l	J
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20(9.5-29.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-1	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	J
218-01-9	Chrysene	0.77	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	ND	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	J
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	J
129-00-0	Pyrene	0.75	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		13-68%
4165-62-2	Phenol-d5	18%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20(9.5-29.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-1	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	86%		37-130%
4165-60-0	Nitrobenzene-d5	98%		25-112%
321-60-8	2-Fluorobiphenyl	89%		31-106%
1718-51-0	Terphenyl-d14	51%		14-122%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-20(9.5-29.5)

Lab Sample ID: JA66158-1

Date Sampled: 01/13/11

Matrix: AQ - Ground Water

Date Received: 01/14/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	597	200	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Antimony	< 6.0	6.0	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Arsenic	< 3.0	3.0	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Barium	232	200	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Beryllium	< 1.0	1.0	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Cadmium	< 3.0	3.0	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Calcium	115000	5000	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Chromium	< 10	10	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Cobalt	< 50	50	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Copper	< 10	10	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Iron	20400	100	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Lead	< 3.0	3.0	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Magnesium	44000	5000	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Manganese	3170	15	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Mercury	< 0.20	0.20	ug/l	1	01/21/11	01/21/11	VK	SW846 7470A ¹
Nickel	< 10	10	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Potassium	< 10000	10000	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Selenium	< 10	10	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Silver	< 10	10	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Sodium	165000	10000	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Thallium	< 5.0	5.0	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Vanadium	< 50	50	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²
Zinc	< 20	20	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ²

(1) Instrument QC Batch: MA25723

(2) Instrument QC Batch: MA25724

(3) Prep QC Batch: MP56539

(4) Prep QC Batch: MP56590

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-20(9.5-29.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-1	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	01/20/11 12:43	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TB	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-2	Date Received:	01/14/11
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06260.D	1	01/20/11	NT	n/a	n/a	V4D277
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA66158-2	Date Sampled:	01/13/11
Matrix:	AQ - Trip Blank Water	Date Received:	01/14/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	112%		64-135%
2037-26-5	Toluene-D8	104%		76-117%
460-00-4	4-Bromofluorobenzene	101%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21(10.5-25.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-3	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06259.D	1	01/20/11	NT	n/a	n/a	V4D277
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	0.77	1.0	ug/l	J
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21(10.5-25.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-3	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	4.9	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	3.3	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	113%		64-135%
2037-26-5	Toluene-D8	104%		76-117%
460-00-4	4-Bromofluorobenzene	102%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21(10.5-25.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-3	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P54532.D	1	01/19/11	NAP	01/18/11	OP47722	EP2355
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	ug/l	
95-48-7	2-Methylphenol	ND	2.0	ug/l	
	3&4-Methylphenol	ND	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	ug/l	
87-86-5	Pentachlorophenol	ND	10	ug/l	
108-95-2	Phenol	ND	2.0	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	ug/l	
83-32-9	Acenaphthene	ND	1.0	ug/l	
208-96-8	Acenaphthylene	ND	1.0	ug/l	
98-86-2	Acetophenone	ND	2.0	ug/l	
120-12-7	Anthracene	ND	1.0	ug/l	
1912-24-9	Atrazine	ND	5.0	ug/l	
100-52-7	Benzaldehyde	ND	5.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	ug/l	
86-74-8	Carbazole	ND	1.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21(10.5-25.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-3	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
105-60-2	Caprolactam	ND	2.0	ug/l	
218-01-9	Chrysene	ND	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	ug/l	
206-44-0	Fluoranthene	ND	1.0	ug/l	
86-73-7	Fluorene	ND	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	ug/l	
67-72-1	Hexachloroethane	ND	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	ug/l	
78-59-1	Isophorone	ND	2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	ug/l	
91-20-3	Naphthalene	ND	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	ug/l	
85-01-8	Phenanthrene	ND	1.0	ug/l	
129-00-0	Pyrene	ND	1.0	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	19%		13-68%
4165-62-2	Phenol-d5	11%		10-49%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21(10.5-25.5)	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-3	Date Received:	01/14/11
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	80%		37-130%
4165-60-0	Nitrobenzene-d5	98%		25-112%
321-60-8	2-Fluorobiphenyl	80%		31-106%
1718-51-0	Terphenyl-d14	62%		14-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-21(10.5-25.5)

Lab Sample ID: JA66158-3

Date Sampled: 01/13/11

Matrix: AQ - Ground Water

Date Received: 01/14/11

Percent Solids: n/a

Project: Former Pratt Oil Works, Long Island City, NY

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Arsenic	< 3.0	3.0	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Barium	< 200	200	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Beryllium	< 1.0	1.0	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Calcium	111000	5000	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Copper	< 10	10	ug/l	1	01/17/11	01/21/11	ND	SW846 6010B ³ SW846 3010A ⁴
Iron	< 100	100	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Lead	< 3.0	3.0	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Magnesium	36600	5000	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Manganese	< 15	15	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	01/21/11	01/21/11	VK	SW846 7470A ² SW846 7470A ⁵
Nickel	< 10	10	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Potassium	< 10000	10000	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Selenium	< 10	10	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Silver	< 10	10	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Sodium	81700	10000	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Thallium	< 5.0	5.0	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Vanadium	< 50	50	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴
Zinc	< 20	20	ug/l	1	01/17/11	01/20/11	ND	SW846 6010B ¹ SW846 3010A ⁴

(1) Instrument QC Batch: MA25718

(2) Instrument QC Batch: MA25723

(3) Instrument QC Batch: MA25724

(4) Prep QC Batch: MP56539

(5) Prep QC Batch: MP56590

RL = Reporting Limit

Report of Analysis

Page 1 of 1

Client Sample ID: MW-21(10.5-25.5)**Lab Sample ID:** JA66158-3**Matrix:** AQ - Ground Water**Date Sampled:** 01/13/11**Date Received:** 01/14/11**Percent Solids:** n/a**Project:** Former Pratt Oil Works, Long Island City, NY**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	01/20/11 12:44	AE	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Page 1 of 2

Client Sample ID:	TB	Date Sampled:	01/13/11
Lab Sample ID:	JA66158-4	Date Received:	01/14/11
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D06276.D	1	01/20/11	NT	n/a	n/a	V4D278
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
71-43-2	Benzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	4.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA66158-4	Date Sampled:	01/13/11
Matrix:	AQ - Trip Blank Water	Date Received:	01/14/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%
17060-07-0	1,2-Dichloroethane-D4	105%		64-135%
2037-26-5	Toluene-D8	104%		76-117%
460-00-4	4-Bromofluorobenzene	98%		72-122%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Accutest New Jersey (Mid Atlantic) Regional Lab
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
874452690463
Accutest Quote #

Bottle Order Control #	
------------------------	--

5A66158

Client / Reporting Information			SITE NAME - FPOW				Requested Analysis (see TEST CODE sheet)													Matrix Codes	
Company Name Kleinfelder			Retail Project (MRN)				ExxonMobil Environmental Services Co.														
Street Address One Corporate Drive, Suite 201 City State Zip Bohemia New York 11763			Major Project (AFE) E3.2007.63972				If Project is Direct Bill to Consultant														
Project Contact John Wolf jwolf@kleinfelder.com Phone # Fax # (631) 218-0612 (631) 218-0787			Protect Name Former Pratt Oil Works (Parcel I)				Company Name														
Sampler(s) Name(s) JOE DAUBS			ExxonMobil Manager Steve Trifiletti				City State Zip														
Phone #			Attention:				P.O.#														
Accutest Sample #			MEOH/DI Val #				V9280TCL11 (EPA SW846 6540 TCL VOC's); ABBZ70TCL11(EPA SW846 6270B TCL Base Neutral and Acid Extractable); TAL METALS - CN (EPA SW846 6010,74707471, 7841, 9010) (EPA SW846 9012); Dissolved TAL METALS + CN(EPA SW846 6010,74707471, 7841, 9010) (EPA SW846 9012) (Field filters)														
Collection			Date Time				Sampled by Matrix				# of bottles				HCl HNO₃ HMOS HSOS NONE DI Water MCH ENCORE						
Field ID / Point of Collection			Date Time				Sampled by Matrix				# of bottles				HCl HNO₃ HMOS HSOS NONE DI Water MCH ENCORE						
-1	MW-20(9 S-29 S)		1/13/11 1054 JD GW				7 3 1 1 2								X X X						
-2	TB TB		1/13/11 WW				2 2								X						
Data Deliverable Information																					
Approved By [Accutest PM] : Date:																					
☒ Std. 10 Business Days ☐ 8 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY																					
☒ Commercial "A" (Level 1) ☐ NYASP Category A ☐ Commercial "B" (Level 2) ☒ NYASP Category B ☐ FULL T1 (Level 3+4) ☐ State Forms ☐ NJ Reduced ☐ EDD Format ☐ Commercial "C" ☐ Other _____																					
Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data																					
Comments / Special Instructions NYASP Category B on CD only (not paper) #TB Fielded 1/4/11 @ 1700 hrs 1/14/11																					
Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished by Sampler:		Date Time:		Received By:		Relinquished By:		Date Time:		Received By:		Relinquished by:		Date Time:		Received By:					
1 JDF		1/13/11 1700		FED-EY		2 Fed		1/14/11 1700		JDF		5		1/14/11		JDF					
3						4															
5						Custody Seal															
☐ Intact Preserved where applicable On Ice Cooler Temp. 4.2°C ☐ Not intact																					

JA66158: Chain of Custody

Page 1 of 5

Accutest New Jersey (Mid Atlantic) Regional Lab
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

[illegible]

JA66158: Chain of Custody

Page 2 of 5



Sample Log-In Summary

JA66158
WC

Lab Name: _____ Page ____ of ____

Received by (Print Name): TIMOTHY HEDSON

Received by (Signature): [Signature] Log-in Date: _____

		CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
Case Number:	SDG Number:	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
SAS Number:	N/A	N/A			
REMARKS:		N/A		JA66158 -1	OK
1. Custody Seal(s)	Present/Absent*	N/A		-2	
	Intact/Broken	N/A		-3	
2. Custody Seal Numbers:		N/A		-4	1 of 2 broken
3. Chain-of-Custody Records	Present/Absent*	N/A			
4. Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent*	N/A			
5. Airbill	Airbill Sticker	N/A			
	Present/Absent*	N/A			
6. Airbill No.:		N/A			
	8744 5269 0463	N/A			
7. Sample Tags	Present/Absent*	N/A			
Sample Tag Nos.	Listed/Not Listed on	N/A			
	Chain-of-Custody	N/A			
8. Sample Condition	Intact/Broken*	N/A			
	Leaking	N/A			
9. Does Information on custody rec., CLSIS, & sample tags agree	Yes/No*	N/A			
10. Date received at Lab:		N/A			
	1-14-11	N/A			
11. Time Received:		N/A			
	09:30	N/A			
12. Do aqueous VOC vials have headspace?	Yes/No*				
	Yes/No*				
13. Are preserved voc soil samples fully immersed in preservative?	Yes/No*	N/A			
Sample Transfer					
Fraction:					
Area #:	See Internal				
By:					
On:	Chain of Custody				

JA66158: Chain of Custody

Page 3 of 5

* Contract BTR and attach record of resolution

Reviewed By: _____

Date: _____

Logbook No.: _____ N/A

Logbook Page No.: _____ N/A

Form: SM10-02
Rev. Date: 8/21/03



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA66158

Client: KLEINFELDER

Immediate Client Services Action Required: No

Date / Time Received: 1/14/2011 9:30

Delivery Method: FedEx

Client Service Action Required at Login: Yes

Project: E3.2007.63972

No. Coolers: 1

Airbill #'s: 8744 5269 0463

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|--------------------------|-------------------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☐ | ☒ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☐ | ☒ | 4. Smpl Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | Infrared gun | |
| 3. Cooler media: | Ice (bag) | |

Quality Control Preservation

Y

N

N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|--------------------------|
| 1. Trip Blank present / cooler: | ☒ | ☐ | ☐ |
| 2. Trip Blank listed on COC: | ☒ | ☐ | ☐ |
| 3. Samples preserved properly: | ☒ | ☐ | ☐ |
| 4. VOCs headspace free: | ☒ | ☐ | ☐ |

Comments

-4 "TRIP BLANK" 1 OF 2 VIALS RECEIVED BROKEN

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|-------------------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☐ | ☒ |
| 3. Condition of sample: | Broken / Leaking | |

Sample Integrity - Instructions

Y N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

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Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA66158

CSR: Michelle

Response Date 1/14/2011

Response: OK to proceed

4.1

4

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