

August 17, 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
February 2011 to April 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 February 2011 through April 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

August 17, 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
February 2011 to April 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:

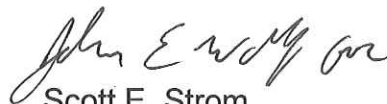
Enclosed please find a Site Status Update Report (SSUR) prepared by Kleinfelder East, Inc. (Kleinfelder), on behalf of ExxonMobil Environmental Services Company (ExxonMobil), for the Inland and Waterfront Project Areas listed above, which compose Tract I and II (further referred to as the Inland and 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 interim remedial measures (IRM) conducted for the period from February 2011 to April 2011 and a quarterly groundwater sampling event at the Project Area conducted from April 22 to April 25, 2011. In addition, the SSUR describes monitoring well (MW-11 and MW-12) replacement activities conducted on March 15, 2011.

Based on the information included in the SSUR, continued quarterly monitoring and sampling of the monitoring well network, continued weekly LNAPL recovery and weekly bulkhead inspections 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

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SITE STATUS UPDATE REPORT

February 2011 through April 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 - 38-40 Review 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

August 17, 2011

Prepared by:

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Prepared for:

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SITE STATUS UPDATE REPORT

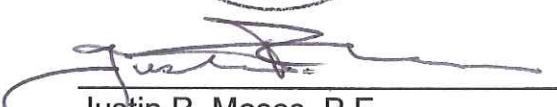
February 2011 through April 2011

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.

8/17/11

Date

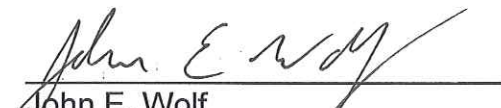
SITE STATUS UPDATE REPORT

February 2011 through April 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:



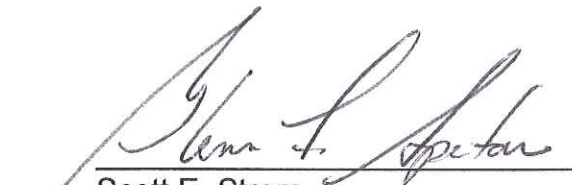
John E. Wolf
Project Manager

8/17/11
Date



Daniel Canavan, P.G.
Project Hydrogeologist

8/17/11
Date



Scott E. Strom
Environmental Scientist

8-17-11
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 Environmental 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 interim remedial measures (IRMs) and monitoring and sampling 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 for the period from February 2011 to April 2011. IRMs to recover light non-aqueous phase liquid (LNAPL) from beneath the Project Area, if present, were conducted on a weekly basis. Bulkhead inspections to visually inspect the integrity of a hard containment boom, as well as condition of absorbent boom, were conducted on a weekly basis, as of April 7, 2011. The purpose of the monitoring and sampling event was an effort to monitor hydraulic characteristics (flow and gradient) and groundwater quality. 35 of 37 monitoring points were gauged and 10 monitoring points were sampled from April 25 to 28, 2011. In addition, monitoring wells MW-11R and MW-12R were installed to replace monitoring wells MW-11 and MW-12 on March 15, 2011 and manholes were installed on 12 of the 96 bulkhead wells on March 15, 2011. This *Site Status Update Report* (SSUR) documents the methods and results of the IRMs conducted, the well replacement, manhole installation activities and the quarterly groundwater sampling event.

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	38-40 Review Avenue (38-84 Railroad Avenue)	38-40 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 by a predecessor of ExxonMobil from approximately 1892 to 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 are illustrated on the Locus Plan provided on Figure 1. The current monitoring well network consists of 25 monitoring points (MW-1 to MW-25) including one cluster monitoring well (MW-4S and MW-4D) and 13 bulkhead monitoring points (BW-1 to BW-12 and bulkhead well). 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 properties 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 collected 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 the south-southwest. 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 monitoring well replacement and IRM and quarterly activities performed at the Project Area from February to April 2011.

3.1 Equipment Decontamination

During the monitoring well replacement, IRMs and groundwater monitoring and sampling 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 Monitoring Well Replacement

Monitoring wells MW-11 and MW-12 were destroyed during bulkhead replacement activities on Parcel B between January 2010 and 2011. The wells were replaced with MW-11R and MW-12R on March 15, 2011.

3.2.1 Monitoring Well Installation

Land, Air, Water Environmental Services of Center Moriches, New York (LAWES), under contract with and supervision of Kleinfelder, replaced monitoring wells MW-11 and MW-12. Prior to drilling, the monitoring well locations were pre-cleared on March 14, 2011 to a minimum depth of approximately 5 fbg using an air-knife and air compressor due to the potential for shallow underground utility lines. Figure 2 illustrates the monitoring well locations.

The monitoring wells were drilled using a track-mounted, Geoprobe® model 7720DT direct push rig equipped with 3-inch outside diameter drive casings. Soil samples were not collected during the monitoring well replacement.

The monitoring wells were completed as 2-inch diameter groundwater monitoring wells to approximately 17 fbg. The wells were constructed of approximately 15-feet of threaded flush-joint 0.02-inch slot polyvinyl chloride (PVC) well screen and 2-feet of PVC casing.

The annulus around the monitoring well screens was backfilled with a Morie No. 2 sand/gravel pack to approximately 0.5-feet above the well screen. Approximately 1-foot bentonite seal was placed above the gravel pack. The remaining annulus was backfilled with grout. Monitoring wells were completed at the surface with the installation of a 2-foot square concrete pad surrounding an 8-inch diameter, flush-mount manhole cover clearly embossed with the words "Monitoring Well." The concrete pad was raised slightly above surface grade and sloped to facilitate storm water runoff away from the monitoring well. Details of well construction are illustrated in soil boring/monitoring well construction diagrams provided as Appendix A. Decontamination water and personal protective equipment (PPE) were drummed as discussed in Section 4.0. No drill cuttings were generated during the installation of monitoring wells MW-11R and MW-12 R.

3.2.2 Monitoring Well Development

On March 15, 2011, monitoring wells MW-11R and MW-12R were surged and developed with a submersible pump in an effort to remove suspended particulates and establish hydraulic communication with the surrounding formation. The wells were developed until the well was reasonably free of sediment (less than 50 nephelometric turbidity units [NTU] if possible). Development water was contained in 55-gallon drums, pending characterization and disposal. PPE, tubing and other disposable well development materials were containerized in 55-gallon drums, pending disposal.

3.2.3 Bulkhead Well Manhole Installation

Between May 21 and June 1, 2010, Kleinfelder installed 96 PVC wells between the newly installed bulkhead along Parcel B and the previous timber bulkhead, prior to the space being backfilled. The wells were spaced approximately 9-feet apart and alternated 2 and 4-inch diameter along the length of the bulkhead. The wells were constructed of 10 to 20-feet of 0.05 slot schedule 40 PVC well screen and 2-feet of schedule 40 PVC riser. The wells were capped with PVC slip caps prior to being backfilled during the steel bulkhead installation.

On March 16 and 17, 2011, Kleinfelder supervised LAWES' installation of manholes on 12 of the 96 bulkhead monitoring wells, spaced approximately 50-feet apart. Manholes were installed on accessible wells, not pressed against the steel bulkhead, with available space for a manhole. The bulkhead wells were labeled BW-1 to BW-12 as illustrated on Figures 2 and 3.

3.3 Interim Remedial Measures

The following subsections describe the IRM measures implemented at the Project Area.

3.3.1 LNAPL Recovery

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 during IRM events conducted on an approximate weekly basis from monitoring wells MW-2, MW-4S, MW-5, MW-6, MW-9, MW-14, MW-16, MW-17, MW-18, 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 during the period from February to April 2011 from monitoring wells MW-3 and MW-7 because the LNAPL contained therein is classified as hazardous based on waste classification sampling. An EPA hazardous waste ID has been generated and LNAPL recovery from these wells is currently pending permit approval of an IRM system and fenced drum storage area. LNAPL recovery has been conducted on an approximately weekly basis since December 29, 2009. Prior to LNAPL recovery, the depth to LNAPL and depth to groundwater (DTW) were 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, a 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.

3.3.2 Bulkhead Sheen Remedial Actions

On April 7, 2011, a sheen was observed on Newtown Creek and on the riprap along bulkhead between Parcel A and B. The NYSDEC was advised of this

observation at that time. The sheen was temporarily contained with containment boom and absorbent boom. On April 15, 2011, approximately 60-feet of 24-inch high PVC belted black boom (hard boom) was installed connecting to the timber bulkhead on Parcel A and to the steel bulkhead on Parcel B. Absorbent boom was placed within the hard boom and inspected on a weekly basis and replaced as necessary. Spent absorbent boom was placed in USDOT-approved, 55-gallon drums, pending off-site disposal.

3.4 Groundwater Gauging and Sampling

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

3.4.1 Groundwater Gauging

The groundwater monitoring well network was gauged on April 25, 2011, during a low neap tide. 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.

Monitoring well MW-3 was gauged, but the LNAPL in the well was too viscous to obtain accurate measurements. Monitoring well MW-19 was inaccessible due to a parked car on the well, and, therefore, could not be gauged.

3.4.2 Groundwater Sampling

Groundwater samples were collected from monitoring wells without detections of LNAPL, including MW-1, MW-4D, MW-8, MW-10, MW-11R, MW-12R, MW-13, MW-15, MW-20, and MW-21 from April 25 to 28, 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 in an effort 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.

3.4.3 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 well replacement, IRM activities and monitoring and sampling were containerized in labeled, 55-gallon, USDOT-approved drums, pending disposal. A drum inventory was maintained documenting the number of drums stored, the contents of the drums, and drum identification information. The following is a summary of the IDW:

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.

- Two drums of PPE, plastic tubing, sorbent pads and bailers were transported to CWM Chemical Services L.L.C., located at 1550 Balmer Road in Model City, New York on June 22, 2011.

- One drum of water generated from monitoring wells MW-11R and MW-12R's well development was transported and disposed of by LORCO Petroleum Services Inc. (LORCO) of Elizabeth, New Jersey on April 11, 2011.
- One drum of groundwater generated from monitoring well purging from Parcel A was transported to CWM Chemical Services L.L.C., located at 1550 Balmer Road in Model City, New York on June 22, 2011.
- One drum of groundwater generated from monitoring well purging from the remaining parcels was transported and disposed of by LORCO Petroleum Services Inc. (LORCO) of Elizabeth, New Jersey on June 20, 2011.

LORCO removed LNAPL from temporary, USDOT-approved, 55-gallon, LNAPL storage drums via vacuum truck on February 15, 2011, March 21, 2011, April 18, 2011, and May 9, 2011. Copies of the drum disposal documentation are provided as Appendix B.

5.0 FINDINGS AND RESULTS

The following subsections describe the findings and results of the monitoring and sampling events conducted between April 25 and 28, 2011.

5.1 Site Hydrogeology

On April 25, 2011, groundwater beneath the Project Area was detected in water table and semi-confined conditions. Monitoring wells MW-5 and MW-6 are screened beneath a semi-confining silty/clay layer and monitoring well MW-4D is screened beneath a peat layer. The depth to water ranged from approximately 4.31 fbg (MW-13) to approximately 28.04 fbg (MW-22). Groundwater flow direction was generally towards the south. The average water table gradient between the northern (MW-20) and southern (MW-9) boundaries of the Project Area was calculated to be approximately 0.0066 feet per foot (ft/ft). Monitoring well gauging data are summarized on Table 2 and a NAPL 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-18, MW-22, MW-23, and MW-24 on April 25, 2011. LNAPL thickness ranged from 0.05 ft in MW-7 to 11.45 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 April 25, 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 3,282 gallons of LNAPL were recovered during IRM activities from September 4, 2009 to April 26, 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 C.

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, MW-13, MW-15, and MW-21. Chlorinated VOCs were detected above groundwater standards and/or guidance values in samples collected from MW-1, MW-4D, MW-15 and MW-21. 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-12R. 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-11R, MW-12R, MW-13, MW-15, MW-20, and MW-21. Cyanide was not detected. 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

The following is a summary of the quarterly activities conducted from February to April 2011.

- Monitoring wells MW-11 and MW-12 were replaced on March 14 and 15, 2011.
- Manholes were installed on bulkhead wells BW-1 to BW-12.
- Weekly LNAPL recovery events were continued from February 2, 2011 through April 26, 2011. Approximately 3,282 gallons of LNAPL were recovered during IRM activities from September 4, 2009 to April 26, 2011.
- The hard boom and absorbent boom were inspected on a weekly basis and absorbent boom was replaced as necessary.
- Depth to groundwater on April 25, 2011 ranged from 4.31 fbg (MW-13) to approximately 28.04 fbg (MW-22).
- Groundwater flow on April 25, 2011 was measured toward the south at a hydraulic gradient of approximately 0.0066 ft/ft.
- LNAPL was detected in 14 monitoring wells on April 25, 2011, ranging from 0.05 ft in MW-7 to 11.42 ft in MW-5.
- Concentrations of VOCs were detected above groundwater standards and/or guidance values in samples collected from MW-1, MW-4D, MW-13, MW-15 and MW-21 during the April 25-28 sampling event.
- SVOCs were detected above groundwater standards and/or guidance values in samples collected from MW-12R during the April 25-28, 2011 sampling event.
- Metals were detected above groundwater standards and/or guidance values in samples collected from MW-4D, MW-8, MW-10, MW-11R, MW-12R, MW-13, MW-15, MW-20, and MW-21.
- Cyanide was not detected in samples collected.

Based on the information gathered during the monitoring and sampling event, continued quarterly monitoring and sampling of the monitoring well network and continued weekly LNAPL recovery are proposed. In addition, continued weekly bulkhead inspections of the hard boom and absorbent boom are proposed.

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

April 2011

Groundwater Sample Analysis											
Sample IDs	Parameter	Analytical Method	Lab	Field Samples				QC Blanks			Total
				Field Samples	Field Duplicates	MS/MSD (Total)	Subtotal	Field Blanks	Equipment Blanks	Trip Blanks	
MW-1, MW-4D, MW-8, MW-10, MW-11R, MW-12R, MW-13, MW-15, MW-20, and MW-21	TCL VOCs	USEPA SW 8260B	Accutest	10	1	1/ 1	13	1	0	2	16
	TCL SVOCs	USEPA SW 8270C		10	1	1/ 1	13	1	0	0	14
	TAL Metals & CN	USEPA SW 6010B, 7470A, 335.4		10	1	1/ 1	13	1	0	0	14

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 April 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	
	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	
	4/25/2011	13.49	ND	9.81	ND	NA	3.68	0.0	6.77	14.86	0.495	-323	0.46	0.00	0.20	
MW-2 (2-17)	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	
	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	
	4/25/2011	6.56	7.90	8.10	0.20	0.89**	-1.36	NM	NM	NM	NM	NM	NM	NM	NM	
MW-3 (3-18)	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	
	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
	4/25/2011	7.95	NM	NM	NM	0.9386	NM	NM	NM	NM	NM	NM	NM	NM	NM	LNAPL to viscous
MW-4 (5-22)	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
MW-4S (4-9)	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	
	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	
	4/25/2011	8.81	6.50	7.27	0.77	0.8908	2.23	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 April 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	
	4/25/2011	8.57	ND	7.51	ND	NA	1.06	0.2	6.80	18.73	1.60	-209	0.40	0.00	0.80	
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	
	4/25/2011	9.62	8.69	20.11	11.42	0.8952	-0.27	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	
	4/25/2011	11.80	10.28	11.00	0.72	0.8944	1.44	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	
	4/25/2011	6.54	5.16	5.21	0.05	0.9129	1.38	NM	NM	NM	NM	NM	NM	NM	NM	
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	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April, 2009 through April 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)	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	
	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	
	4/25/2011	5.80	ND	7.77	ND	NA	-1.97	0.1	7.15	17.54	22.8	-331	0.44	0.00	13.80	
MW-9 (3-18)	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	
	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	
MW-10 (3-13)	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	
	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	
MW-11 (2-17)	4/25/2011	10.56	ND	8.27	ND	NA	2.29	NM	6.40	14.57	1.52	-183	6.41	2.3	0.70	
	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	
MW-11R (2-17)	4/21/2010	6.98	ND	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well destroyed
	4/25/2011	6.70	ND	8.44	ND	NA	-1.74	0.1	6.42	15.05	20.20	-161	0.36	10.30	11.90	
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
MW-12R (2-17)	4/25/2011	6.69	ND	8.49	ND	NA	-1.80	0.0	7.07	13.28	21.30	-208	0.46	3.00	12.60	
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	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April, 2009 through April 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-13 (1-8)	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	
	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	
MW-14 (7.5-27.5)	4/25/2011	7.82	ND	4.31	ND	NA	3.51	NM	6.94	13.84	2.57	-106	0.68	31.20	1.30	
	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	
	4/25/2011	22.92	22.01	25.10	3.09	0.9086	0.63	0.9	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	
MW-16 (10.5-30.5)	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	
	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	
	4/25/2011	13.05	ND	11.50	ND	NA	1.55	0.0	6.66	14.43	0.80	-148	1.05	24.20	0.40	
	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	
MW-17 (8.5-25.5)	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	
	1/11/2011	24.12	21.95	22.42	0.47	0.91**	2.13	NM	NM	NM	NM	NM	NM	NM	NM	
	4/25/2011	24.12	21.46	22.65	1.19	0.91**	2.55	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	
MW-18 (17.5-37.5)	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	
	1/11/2011	16.81	16.85	20.97	4.12	0.9122	-0.40	NM	NM	NM	NM	NM	NM	NM	NM	
	4/25/2011	16.81	16.94	17.83	0.89	0.9122	-0.21	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	
MW-18 (17.5-37.5)	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**	2.93	NM	NM	NM	NM	NM	NM	NM	NM	
	10/15/2010	23.55	20.50	20.51	0.01	0.91**	3.05	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
	4/25/2011	23.55	21.22	22.00	0.78	0.91**	2.26	0.0	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 April 2011

Well ID (Screen Interval fbg)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation	Depth to LNAPL	Depth to Water	LNAPL Thickness	Specific Gravity	Corrected GW Elevation	PID Reading	pH	Temp- erature	Conductivity	Oxidation- Reduction Potential	Dissolved Oxygen	Turbidity	Salinity	
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(g/cm3)	(feet)	(ppmv)	(s.u.)	(°C)	(mS/cm)	(mV)	(mg/L)	(ntu)	(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	
	4/25/2011	24.85	NM	NM	NM	0.9087	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well inaccessible
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	
	4/25/2011	28.63	ND	23.55	ND	NA	5.08	0.0	6.49	16.35	2.85	23	6.82	45.60	1.50	
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	
	4/25/2011	16.63	ND	14.84	ND	NA	1.79	0.0	6.57	13.92	1.18	150	2.91	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	
	4/25/2011	29.36	26.49	28.04	1.55	0.9092	2.73	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	
	4/25/2011	19.05	18.86	23.70	4.84	0.9094	-0.25	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 April 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	
	4/25/2011	17.56	16.66	24.10	7.44	0.9034	0.18	NM	NM	NM	NM	NM	NM	NM	NM	
BW-1	4/25/2011	6.34	ND	8.27	ND	NA	-1.93	NM	NM	NM	NM	NM	NM	NM	NM	
BW-2	4/25/2011	5.69	ND	7.94	ND	NA	-2.28	NM	NM	NM	NM	NM	NM	NM	NM	
BW-3	4/25/2011	6.02	ND	7.84	ND	NA	-1.82	NM	NM	NM	NM	NM	NM	NM	NM	
BW-4	4/25/2011	5.94	ND	7.77	ND	NA	-1.83	NM	NM	NM	NM	NM	NM	NM	NM	
BW-5	4/25/2011	6.04	ND	7.80	ND	NA	-1.76	NM	NM	NM	NM	NM	NM	NM	NM	
BW-6	4/25/2011	5.94	ND	7.70	ND	NA	-1.76	NM	NM	NM	NM	NM	NM	NM	NM	
BW-7	4/25/2011	6.08	ND	7.92	ND	NA	-1.84	NM	NM	NM	NM	NM	NM	NM	NM	
BW-8	4/25/2011	5.88	ND	7.80	ND	NA	-1.92	NM	NM	NM	NM	NM	NM	NM	NM	
BW-9	4/25/2011	6.30	ND	8.05	ND	NA	-1.75	NM	NM	NM	NM	NM	NM	NM	NM	
BW-10	4/25/2011	6.13	ND	7.95	ND	NA	-1.82	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 April 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)	
BW-11	4/25/2011	6.28	ND	8.14	ND	NA	1.86	NM	NM	NM	NM	NM	NM	NM	NM	
BW-12	4/25/2011	6.41	ND	8.32	ND	NA	-2.22	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

BW - Bulkhead well

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 THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (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	6.80	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	8.30	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	7.80	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	6.70	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	3.90	0.40	3.92	4.00	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

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 THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-2 (2-17)	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
	10/18/10	Port. Pump	0.89**	7.08	7.81	0.73	7.54	7.80	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	5.80	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
	02/14/11	NA	0.89**	7.26	8.14	0.88	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	02/22/11	NA	0.89**	6.28	6.62	0.34	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	03/01/11	NA	0.89**	7.39	8.02	0.63	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	03/07/11	NA	0.89**	5.14	5.57	0.43	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	03/14/11	NA	0.89**	6.85	7.35	0.50	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	03/21/11	Port. Pump	0.89**	6.90	7.20	0.30	6.84	6.85	0.01	0.25	0.00	0.25	
	03/29/11	NA	0.89**	8.03	8.30	0.27	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	04/04/11	Port. Pump	0.89**	5.03	5.22	0.19	5.20	5.21	0.01	1.00	0.00	1.00	
	04/11/11	Port. Pump	0.89**	7.65	7.90	0.25	7.83	7.87	0.04	0.50	0.00	0.50	
	04/18/11	Port. Pump	0.89**	5.10	5.40	0.30	6.14	6.15	0.01	1.50	0.00	1.50	
	04/25/11	Port. Pump	0.89**	7.90	8.10	0.20	8.20	8.23	0.03	0.25	0.00	0.25	
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

**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 THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
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	6.40	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	6.80	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	7.40	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	
	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	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-4S (4-9)	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	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-4S (4-9)	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	7.90	0.22	3.00	0.00	3.00	
	2/14/2011	Port. Pump	0.8908	6.95	7.63	0.68	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	2/22/2011	Port. Pump	0.8908	6.66	7.34	0.68	6.82	6.98	0.16	2.00	0.00	2.00	
	3/1/2011	NA	0.8908	7.65	8.21	0.56	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	3/7/2011	NA	0.8908	6.59	6.90	0.31	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	3/14/2011	NA	0.8908	6.48	7.20	0.72	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	3/21/2011	Port. Pump	0.8908	6.42	7.00	0.58	6.49	6.54	0.05	1.50	0.00	1.50	
	3/29/2011	Port. Pump	0.8908	6.42	7.10	0.68	6.52	6.58	0.06	8.00	1.00	9.00	
	4/4/2011	Port. Pump	0.8908	6.44	6.90	0.46	6.87	6.89	0.02	2.00	0.00	2.00	
	4/11/2011	Port. Pump	0.8908	6.53	7.02	0.49	6.62	6.63	0.01	2.00	0.00	2.00	
	4/18/2011	Port. Pump	0.8908	6.51	6.65	0.14	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	4/25/2011	Port. Pump	0.8908	6.50	7.27	0.77	6.60	6.66	0.06	3.50	0.00	3.50	
MW-5 (13-21)	9/4/2009	G&B	0.8908	7.00	17.10	10.10	9.65	10.10	0.45	21.00	0.00	21.00	
	9/10/2009	Port. Pump	0.8952	8.52	20.35	11.83	9.83	9.90	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	12.80	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	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-5 (13-21)	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	11.30	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	10.60	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	15.10	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	13.50	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	
	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	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED	WATER RECOVERED	TOTAL LIQUID RECOVERED	COMMENTS
				DEPTH TO LNAPL	DEPTH TO WATER	LNAPL THICKNESS	DEPTH TO LNAPL	DEPTH TO WATER	LNAPL THICKNESS				
			(g/cm ³)	(Feet)	(Feet)	(Feet)	(Feet)	(Feet)	(Feet)	(Gallons)	(Gallons)	(Gallons)	
MW-5 (13-21)	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	10.50	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	10.90	0.91	13.00	0.00	13.00	
	9/16/2010	Port. Pump	0.8952	7.69	18.90	11.21	10.15	11.90	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	13.70	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	12.50	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	11.60	0.76	12.50	0.00	12.50	
	1/13/2011	Port. Pump	0.8952	9.65	19.70	10.05	7.68	7.90	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
	2/2/2011	Port. Pump	0.8952	9.15	19.35	10.20	11.47	13.85	2.38	13.00	0.00	13.00	
	2/7/2011	Port. Pump	0.8952	9.15	19.30	10.15	11.14	11.63	0.49	14.00	0.00	14.00	
	2/14/2011	Port. Pump	0.8952	8.76	15.91	7.15	10.17	11.23	1.06	15.00	0.00	15.00	
	2/22/2011	Port. Pump	0.8952	9.27	18.14	8.87	11.44	12.63	1.19	13.50	0.00	13.50	
	3/1/2011	Port. Pump	0.8952	9.35	19.65	10.30	10.10	14.70	4.60	15.00	0.00	15.00	
	3/7/2011	Port. Pump	0.8952	8.87	15.10	6.23	11.91	12.11	0.20	17.00	0.00	17.00	
	3/14/2011	Port. Pump	0.8952	9.01	19.66	10.65	11.63	11.95	0.32	17.00	0.00	17.00	
	3/21/2011	Port. Pump	0.8952	8.55	19.75	11.20	11.27	11.35	0.08	15.00	0.00	15.00	

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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-5 (13-21)	3/29/2011	Port. Pump	0.8952	8.84	18.00	9.16	10.90	14.50	3.60	20.00	0.00	20.00	
	4/4/2011	Port. Pump	0.8952	8.22	19.70	11.48	10.15	15.10	4.95	18.00	0.00	18.00	
	4/11/2011	Port. Pump	0.8952	8.57	19.90	11.33	10.45	14.30	3.85	15.00	0.00	15.00	
	4/18/2011	Port. Pump	0.8952	8.85	19.95	11.10	11.41	12.20	0.79	20.00	0.00	20.00	
	4/25/2011	Port. Pump	0.8952	8.69	20.11	11.42	11.35	12.20	0.85	20.00	0.00	20.00	
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	17.50	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	11.00	0.03	0.00	0.00	0.00	
	4/12/2010	Port. Pump	0.8944	9.09	9.50	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

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
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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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-6 (18-23)	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	12.00	2.73	11.28	11.90	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	
	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	

TABLE 3
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WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED	WATER RECOVERED	TOTAL LIQUID RECOVERED	COMMENTS
				DEPTH TO LNAPL	DEPTH TO WATER	LNAPL THICKNESS	DEPTH TO LNAPL	DEPTH TO WATER	LNAPL THICKNESS				
			(g/cm ³)	(Feet)	(Feet)	(Feet)	(Feet)	(Feet)	(Feet)	(Gallons)	(Gallons)	(Gallons)	
MW-6 (18-23)	11/22/10	Port. Pump	0.8944	10.63	11.21	0.58	11.04	11.10	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	10.70	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)
	01/05/11	NA	0.8944	10.46	10.50	0.04	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction (Frozen)
	01/13/11	Port. Pump	0.8944	11.16	11.70	0.54	11.71	12.22	0.51	0.50	0.00	0.50	
	02/14/11	NA	0.8944	10.50	11.63	1.13	NA	NA	NA	0.00	0.00	0.00	No recovery
	02/22/11	Port Pump	0.8944	10.96	12.25	1.29	12.08	12.18	0.10	0.75	0.00	0.75	
	03/01/11	NA	0.8944	10.95	11.78	0.83	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	03/07/11	NA	0.8944	10.41	11.00	0.59	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	03/14/11	NA	0.8944	10.65	11.40	0.75	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	03/21/11	Port Pump	0.8944	10.29	11.21	0.92	11.26	11.27	0.01	1.00	0.00	1.00	
	03/29/11	Port Pump	0.8944	10.90	11.25	0.35	NM	NM	NM	0.50	0.00	0.50	
	04/04/11	Port Pump	0.8944	10.14	10.58	0.44	10.38	10.40	0.02	1.00	0.00	1.00	
	04/11/11	Port Pump	0.8944	10.31	10.70	0.39	10.63	10.66	0.03	0.50	0.00	0.50	
	04/18/11	Port Pump	0.8944	10.35	11.10	0.75	12.40	12.70	0.30	1.50	0.00	1.50	
	04/25/11	Port Pump	0.8944	10.28	11.00	0.72	11.23	11.24	0.01	0.75	0.00	0.75	
MW-7 (1-15)	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

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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-7 (1-15)	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	9.40	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	
	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	7.40	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	9.10	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	7.60	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	

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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 THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-7 (1-15)	3/14/2011	NA	0.9129	7.75	8.45	0.70	NA	NA	NA	0.00	0.00	0.00	
	3/21/2011	NA	0.9129	6.75	6.80	0.05	NA	NA	NA	0.00	0.00	0.00	
	3/29/2011	NA	0.9129	7.60	7.80	0.20	NA	NA	NA	0.00	0.00	0.00	
	4/4/2011	NA	0.9129	5.18	5.30	0.12	NA	NA	NA	0.00	0.00	0.00	
	4/11/2011	NA	0.9129	7.69	7.90	0.21	NA	NA	NA	0.00	0.00	0.00	
	4/18/2011	NA	0.9129	5.16	5.21	0.05	NA	NA	NA	0.00	0.00	0.00	
	4/25/2011	NA	0.9129	7.93	8.90	0.97	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	17.00	2.50	20.00	0.00	20.00	
	2/9/2010	G&B	0.9074	10.61	17.20	6.59	14.00	16.70	2.70	15.00	0.00	15.00	
	2/15/2010	Port. Pump	0.9074	9.95	18.00	8.05	10.50	16.50	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	17.40	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	19.30	7.88	17.00	0.00	17.00	

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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-9 (3-18)	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	12.70	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	11.50	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	12.50	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	
	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	

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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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-9 (3-18)	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	12.70	2.70	23.00	0.00	23.00	
	10/13/2010	Port. Pump	0.9074	9.08	17.81	8.73	10.35	13.80	3.45	18.00	0.00	18.00	
	10/18/2010	Port. Pump	0.9074	9.11	17.90	8.79	10.74	15.40	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	14.80	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
	2/2/2011	Port. Pump	0.9074	10.31	17.60	7.29	11.56	14.45	2.89	18.00	0.00	18.00	
	2/7/2011	Port. Pump	0.9074	10.32	17.86	7.54	11.71	12.62	0.91	20.00	0.00	20.00	
	2/14/2011	Port. Pump	0.9074	10.29	17.30	7.01	12.14	13.07	0.93	20.00	0.00	20.00	
	2/22/2011	Port. Pump	0.9074	10.35	17.11	6.76	12.10	13.10	1.00	14.00	0.00	14.00	
	3/1/2011	Port. Pump	0.9074	10.30	17.90	7.60	11.45	13.03	1.58	15.00	0.00	15.00	
	3/7/2011	Port. Pump	0.9074	9.68	17.65	7.97	11.91	13.20	1.29	24.00	0.00	24.00	
	3/14/2011	Port. Pump	0.9074	10.07	18.10	8.03	11.90	14.00	2.10	16.00	0.00	16.00	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-9 (3-18)	3/21/2011	Port. Pump	0.9074	9.69	17.53	7.84	11.30	16.75	5.45	16.00	0.00	16.00	
	3/29/2011	Port. Pump	0.9074	10.03	17.80	7.77	11.95	12.60	0.65	20.00	0.00	20.00	
	4/4/2011	Port. Pump	0.9074	9.90	17.90	8.00	11.30	16.00	4.70	20.00	0.00	20.00	
	4/11/2011	Port. Pump	0.9074	10.03	17.80	7.77	11.95	16.50	4.55	15.00	0.00	15.00	
	4/18/2011	Port. Pump	0.9074	9.90	18.00	8.10	11.20	12.90	1.70	18.00	0.00	18.00	
	4/25/2011	Port. Pump	0.9074	9.94	17.85	7.91	11.55	15.90	4.35	20.00	0.00	20.00	
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	23.50	0.20	5.50	0.00	5.50	
	6/15/2010	Port. Pump	0.9086	21.20	26.80	5.60	23.30	24.00	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	25.00	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	25.60	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

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-14 (7.5- 27.5)	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	
	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	
	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	
	2/8/2011	Port. Pump	0.9086	22.70	26.10	3.40	23.17	24.19	1.02	4.00	0.00	4.00	
	2/15/2011	Port. Pump	0.9086	23.03	26.76	3.73	23.49	24.20	0.71	4.50	0.00	4.50	
	2/23/2011	Port. Pump	0.9086	22.80	26.63	3.83	24.25	24.40	0.15	4.00	0.00	4.00	
	3/2/2011	Port. Pump	0.9086	22.50	24.42	1.92	23.52	24.00	0.48	2.50	0.00	2.50	
	3/8/2011	Port. Pump	0.9086	22.54	25.50	2.96	22.20	22.40	0.20	4.50	0.00	4.50	
	3/15/2011	Port. Pump	0.9086	22.44	25.50	3.06	24.00	24.10	0.10	2.50	0.00	2.50	
	3/22/2011	NA	0.9086	22.23	26.80	4.57	NA	NA	NA	0.00	0.00	0.00	No recovery
	3/30/2011	Port. Pump	0.9086	22.56	26.70	4.14	24.10	24.15	0.05	4.25	0.25	4.50	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-14 (7.5-27.5)	4/5/2011	Port. Pump	0.9086	22.26	23.10	0.84	23.32	25.45	2.13	3.00	0.00	3.00	
	4/12/2011	NA	0.9086	22.24	26.80	4.56	NA	NA	NA	0.00	0.00	0.00	NAPL drums full no recovery
	4/19/2011	Port. Pump	0.9086	21.80	26.60	4.80	24.39	25.70	1.31	5.00	0.00	5.00	
	4/26/2011	Port. Pump	0.9086	21.97	26.84	4.87	23.48	24.85	1.37	5.00	0.00	5.00	
MW-16 (10.5-30.5)	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	
	2/15/2011	NA	0.91**	22.28	22.52	0.24	NA	NA	NA	0.00	0.00	0.00	
	2/23/2011	NA	0.91**	22.07	22.95	0.88	NA	NA	NA	0.00	0.00	0.00	
	3/2/2011	NA	0.91**	21.86	21.90	0.04	NA	NA	NA	0.00	0.00	0.00	
	3/8/2011	NA	0.91**	21.96	22.95	0.99	NA	NA	NA	0.00	0.00	0.00	
	3/15/2011	NA	0.91**	21.80	22.90	1.10	NA	NA	NA	0.00	0.00	0.00	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-16 (10.5- 30.5)	3/22/2011	NA	0.91**	21.70	22.95	1.25	NA	NA	NA	0.00	0.00	0.00	
	3/30/2011	Port. Pump	0.91**	21.95	23.15	1.20	22.06	22.15	0.09	2.00	0.50	2.50	
	4/5/2011	NA	0.91**	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Well submerged in puddle
	4/12/2011	Port. Pump	0.91**	21.95	23.15	1.20	NA	NA	NA	0.00	0.00	0.00	NAPL drums full no recovery
	4/19/2011	Port. Pump	0.91**	21.47	22.65	1.18	21.70	21.90	0.20	1.00	0.00	1.00	
	4/26/2011	Port. Pump	0.91**	21.35	22.55	1.20	21.48	21.51	0.03	1.00	0.00	1.00	
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	20.70	2.15	1.50	0.00	1.50	
	6/15/2010	Port. Pump	0.9122	15.56	21.55	5.99	17.57	21.50	3.93	1.00	0.00	1.00	
	6/25/2010	Port. Pump	0.9122	15.40	21.51	6.11	17.41	21.60	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	22.00	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	

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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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-17 (8.5- 25.5)	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	22.50	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	22.80	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	
	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
	2/8/2011	Port. Pump	0.9122	15.49	19.55	4.06	17.17	18.06	0.89	1.00	0.00	1.00	
	2/15/2011	NA	0.9122	17.13	19.87	2.74	NA	NA	NA	0.00	0.00	0.00	Inaccessible with vehicle
	2/23/2011	NA	0.9122	17.35	17.65	0.30	NA	NA	NA	0.00	0.00	0.00	Inaccessible with vehicle
	3/2/2011	NA	0.9122	17.11	17.15	0.04	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge

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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 THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-17 (8.5-25.5)	3/8/2011	NA	0.9122	17.20	17.41	0.21	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	3/15/2011	NA	0.9122	16.97	17.27	0.30	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	3/22/2011	NA	0.9122	16.84	17.40	0.56	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	3/30/2011	Port. Pump	0.9122	17.30	18.00	0.70	19.85	19.87	0.02	0.25	0.25	0.50	No recovery to allow for recharge
	4/5/2011	Port. Pump	0.9122	16.90	17.06	0.16	17.08	17.09	0.01	0.50	0.00	0.50	No recovery to allow for recharge
	4/12/2011	NA	0.9122	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	NAPL drums full no recovery
	4/19/2011	Port. Pump	0.9122	16.93	17.80	0.87	18.14	18.20	0.06	0.50	0.00	0.50	
	4/26/2011	Port. Pump	0.9122	16.83	17.90	1.07	17.68	17.75	0.07	1.00	0.10	1.10	
MW-18 (17.5-37.5)	3/30/2011	NA	0.9100**	21.85	23.50	1.65	NA	NA	NA	0.00	0.00	0.00	
	4/5/2011	NA	0.9100**	21.38	21.85	0.47	NA	NA	NA	0.00	0.00	0.00	NAPL sampled
	4/19/2011	NA	0.9100**	21.60	22.20	0.60	NA	NA	NA	0.00	0.00	0.00	
	4/26/2011	Port. Pump	0.9100**	21.08	22.27	1.19	21.42	21.90	0.48	0.50	0.00	0.50	
MW-19 (11.5-31.5)	6/3/2010	Port. Pump	0.9122	21.10	22.15	1.05	21.15	21.50	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	22.20	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	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-19 (11.5-31.5)	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
	2/15/2011	Port. Pump	0.9087	22.88	23.76	0.88	23.04	23.11	0.07	1.50	0.00	1.50	
	2/23/2011	Port. Pump	0.9087	22.75	24.17	1.42	22.85	23.35	0.50	0.50	0.00	0.50	
	3/2/2011	Port. Pump	0.9087	22.56	23.40	0.84	22.64	23.00	0.36	1.00	0.00	1.00	
	3/8/2011	Port. Pump	0.9087	22.65	23.89	1.24	22.76	22.85	0.09	1.00	0.00	1.00	
	3/15/2011	Port. Pump	0.9087	22.60	23.70	1.10	22.70	23.00	0.30	1.00	0.00	1.00	
	4/5/2011	NA	0.9087	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Inaccessible
	4/12/2011	NA	0.9087	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Inaccessible
	4/19/2011	NA	0.9087	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Inaccessible
	4/26/2011	NA	0.9087	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	Inaccessible
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

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-23 (10.5- 24.5)	6/3/2010	Port. Pump	0.9092	17.49	23.04	5.55	20.60	21.20	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	23.20	0.25	2.00	0.00	2.00	
	7/7/2010	Port. Pump	0.9094	17.48	23.59	6.11	21.23	23.00	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	23.30	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	23.00	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	

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				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK-NESS (Feet)				
MW-23 (10.5-24.5)	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	23.20	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	
	2/8/2011	Port. Pump	0.9094	19.25	23.14	3.89	22.61	23.11	0.50	1.00	0.00	1.00	
	2/15/2011	NA	0.9094	19.26	23.33	4.07	NA	NA	NA	0.00	0.00	0.00	Inaccessible with vehicle
	2/23/2011	Port. Pump	0.9094	19.20	23.67	4.47	21.33	21.78	0.45	1.00	0.00	1.00	
	3/2/2011	Port. Pump	0.9094	19.02	22.12	3.10	20.10	22.70	2.60	0.25	0.00	0.25	
	3/8/2011	Port. Pump	0.9094	18.15	22.80	4.65	20.95	21.84	0.89	1.00	0.00	1.00	
	3/15/2011	NA	0.9094	18.60	22.95	4.35	NA	NA	NA	0.00	0.00	0.00	Limited volume in NAPL storage drums
	3/22/2011	NA	0.9094	18.80	23.67	4.87	NA	NA	NA	0.00	0.00	0.00	
	3/30/2011	Port. Pump	0.9094	19.20	23.90	4.70	22.05	22.12	0.07	1.50	0.00	1.50	
	4/5/2011	Port. Pump	0.9094	18.75	23.50	4.75	20.15	21.40	1.25	1.00	0.00	1.00	
	4/12/2011	NA	0.9094	18.92	20.25	1.33	NA	NA	NA	0.00	0.00	0.00	NAPL drums full no recovery
	4/19/2011	Port. Pump	0.9094	18.91	22.10	3.19	20.85	21.40	0.55	1.00	0.00	1.00	
	4/26/2011	Port. Pump	0.9094	18.75	23.66	4.91	22.26	22.84	0.58	1.75	0.00	1.75	
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	16.10	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	

**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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-24 (5.5- 25.5)	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	17.20	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	16.90	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	16.80	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	
	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	

**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 THICK- NESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICK- NESS (Feet)				
MW-24 (5.5- 25.5)	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	
	2/3/2011	Port. Pump	0.9034	17.17	24.37	7.20	17.75	20.40	2.65	9.00	0.00	9.00	
	2/8/2011	Port. Pump	0.9034	17.24	22.82	5.58	18.64	20.03	1.39	13.00	0.00	13.00	
	2/15/2011	Port. Pump	0.9034	17.42	24.01	6.59	18.20	18.65	0.45	6.00	0.00	6.00	
	2/23/2011	Port. Pump	0.9034	17.15	22.20	5.05	18.09	20.45	2.36	11.00	0.00	11.00	
	3/2/2011	Port. Pump	0.9034	16.86	21.10	4.24	17.60	18.20	0.60	16.00	0.00	16.00	
	3/8/2011	Port. Pump	0.9034	17.12	24.80	7.68	18.21	19.05	0.84	16.00	0.00	16.00	
	3/15/2011	Port. Pump	0.9034	16.90	24.61	7.71	17.80	19.30	1.50	14.00	0.00	14.00	
	3/22/2011	Port. Pump	0.9034	16.72	24.16	7.44	17.80	18.11	0.31	16.00	0.00	16.00	
	3/30/2011	Port. Pump	0.9034	17.15	24.40	7.25	NM	NM	NM	18.00	0.00	18.00	
	4/5/2011	Port. Pump	0.9034	16.48	23.10	6.62	17.60	19.95	2.35	15.00	0.00	15.00	
	4/12/2011	NA	0.9034	16.80	24.55	7.75	NM	NM	NM	0.00	0.00	0.00	NAPL drums full no recovery
	4/19/2011	Port. Pump	0.9034	16.67	24.60	7.93	18.00	18.50	0.50	15.00	0.00	15.00	
	4/26/2011	Port. Pump	0.9034	16.55	24.62	8.07	17.44	17.70	0.26	15.00	0.00	15.00	
TOTALS:										3282.82	9.10	3291.92	

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

7/28/2011

FPOW SSUR Table 3 - LNAPL Recovery Updated 7-27-11.xlsxNAPL Recovery 5-19

Kleinfelder

One Corporate Drive, Suite 201, Bohemia, NY

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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
	4/26/2011	<10	13.9	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.78 J
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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 April 2011

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
	4/26/2011	<1.0	<1.0	2.8 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	27.5
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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 April 2011

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
	4/26/2011	<1.0	<1.0	1.3	0.49 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
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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 April 2011

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
	4/26/2011	1.4 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
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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-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	
MW-2(2-17)	1/10/2011	<1.0	<1.0	0.69 J	<5.0	2.9	<1.0	<1.0	<1.0	14.3	
	4/26/2011	<1.0	<1.0	0.35 J	<5.0	1.5	<1.0	<1.0	<1.0	13.9	
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

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)	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
	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)	4/26/2011	<10	17.1	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	841
	4/26/2011*FD	<10	17.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	828 ^a
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1.5
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/28/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0

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)	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
	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
	4/26/2011	<1.0	<1.0	8.5	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/26/2011*FD	<1.0	<1.0	12.8	<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
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<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
	4/25/2011	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
	4/28/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0

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-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
	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)	4/26/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.34 J	<5.0	<5.0
	4/26/2011*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.35 J	<5.0	<5.0
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<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
	4/25/2011	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
	1/11/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/28/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0

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)	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
	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
	4/26/2011	5.2	<5.0	12.0	1.2	<5.0	<2.0	<5.0	<1.0	<1.0	1.2	<5.0	<5.0
	4/26/2011*FD	5.3	<5.0	19.1	1.1	<5.0	<2.0	<5.0	<1.0	<1.0	1.2	<5.0	<5.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<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
	4/25/2011	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
	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
	4/28/2011	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0

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)	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	
	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)	4/26/2011	<1.0	<1.0	<1.0	<5.0	<1.0	2.0	0.94 J	3.0	21.6 J	
	4/26/2011*FD	<1.0	<1.0	<1.0	<5.0	<1.0	2.1	0.98 J	3.1	22.35 J	
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	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
	4/25/2011	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	
	4/26/2011	<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
	4/25/2011	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	
	1/11/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-10(3-13)	4/28/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	

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-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
MW-11R(2-17)	4/27/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
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-12R(2-17)	4/27/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
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
	4/27/2011	6.7 J	2.7	<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
	4/25/2011	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
	4/27/2011	46.0	<1.0	<5.0	<1.0	<4.0	<2.0	19.0	<2.0	<1.0	<1.0	<1.0

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-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
MW-11R(2-17)	4/27/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
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-12R(2-17)	4/27/2011	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
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
	4/27/2011	<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
	4/25/2011	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
	4/27/2011	1.4	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0

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-11(2-17)	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
MW-11R(2-17)	4/27/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
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-12R(2-17)	4/27/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
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
	4/27/2011	<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
	4/25/2011	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
	4/27/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0

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-11(2-17)	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
MW-11R(2-17)	4/27/2011	<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-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-12R(2-17)	4/27/2011	<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-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
	4/27/2011	<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-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/27/2011	<2.0	<5.0	0.38 J	<1.0	<5.0	2.4	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0

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-11(2-17)	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
MW-11R(2-17)	4/27/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
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-12R(2-17)	4/27/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
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	
	4/27/2011	<1.0	<1.0	<1.0	<5.0	<1.0	0.48 J	<1.0	0.48 J	3.2 J	
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	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	
	4/27/2011	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	

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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<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
	4/28/2011	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0

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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<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
	4/28/2011	0.47 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0

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-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)	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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)	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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)	4/28/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	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
	1/13/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/28/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0

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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<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
	4/28/2011	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	6.2	<1.0	<5.0	<5.0

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
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	Well inaccessible
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
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	
	4/28/2011	<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	
	4/28/2011	<1.0	<1.0	4.1	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-16	10/12/2010	1230 NJ	<50 U	<250 U	<50 U	<200 U	<100 U	<500 U	<100 U	<50 U	<50 U	<50 U
SB-18	10/13/2010	9.7 J	0.33 J	<5.0 U	<1.0 U	<4.0 U	<2.0 U	<10 U	1.2 J	<1.0 U	<1.0 U	<1.0 U
	10/13/2010*FD	17.7 J	0.39 J	<5.0 U	<1.0 U	<4.0 U	<2.0 U	<10 U	1.2 J	<1.0 U	<1.0 U	<1.0 U
SB-19	10/15/2010	<5000 U	4730	<2500 U	<500 U	<2000 U	<1000 U	<5000 U	<1000 U	<500 U	253 J	<500 U
SB-20	10/15/2010	<10 U	31.7	<5.0 U	<1.0 U	<4.0 U	<2.0 U	<10 U	1.3 J	<1.0 U	0.75 J	1.5

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

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-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-16	10/12/2010	<50 U	<50 U	<250 U	<500 U	<50 U	<100 U	<50 U	<50 U	<50 U	<250 U	<50 U
SB-18	10/13/2010	2.3 J	<1.0 U	<5.0 U	<10 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<1.0 U
	10/13/2010*FD	3.6 J	<1.0 U	<5.0 U	<10 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<1.0 U
SB-19	10/15/2010	<500 U	<500 U	<2500 U	<5000 U	<500 U	<1000 U	<500 U	<500 U	<500 U	<2500 U	317 J
SB-20	10/15/2010	<1.0 U	<1.0 U	<5.0 U	<10 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	10.1

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

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-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-16	10/12/2010	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	<6300 U	<50 U	<250 U	<250 U
SB-18	10/13/2010	5.5 J	<1.0 U	2.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<130 U	<1.0 U	<5.0 U	<5.0 U
	10/13/2010*FD	9.0 J	<1.0 U	1.9	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<130 U	<1.0 U	<5.0 U	<5.0 U
SB-19	10/15/2010	<500 U	<500 U	4460	<500 U	<500 U	<500 U	<500 U	<63000 U	<500 U	<2500 U	<2500 U
SB-20	10/15/2010	2.6	<1.0 U	53.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<130 U	8.6	<5.0 U	<5.0 U

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

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-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-16	10/12/2010	<100 U	<250 U	<250 U	<50 U	<250 U	31.5 NJ	<250 U	<50 U	<50 U	<50 U	<250 U	<250 U
SB-18	10/13/2010	<2.0 U	<5.0 U	<5.0 U	<1.0 U	<5.0 U	3.3	<5.0 U	<1.0 U	<1.0 U	0.61 J	<5.0 U	<5.0 U
	10/13/2010*FD	<2.0 U	<5.0 U	<5.0 U	<1.0 U	<5.0 U	5.5	<5.0 U	<1.0 U	<1.0 U	0.75 J	<5.0 U	<5.0 U
SB-19	10/15/2010	<1000 U	<2500 U	<2500 U	<500 U	<2500 U	<1000 U	<2500 U	<500 U	<500 U	90200	<2500 U	<2500 U
SB-20	10/15/2010	3.6	<5.0 U	3.6 J	<1.0 U	<5.0 U	<2.0 U	<5.0 U	<1.0 U	<1.0 U	200	<5.0 U	<5.0 U

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
SB-16	10/12/2010	<50 U	<50 U	<50 U	<250 U	<50 U	<50 U	<50 U	<50 U	BRL U	
SB-18	10/13/2010	<1.0 U	<1.0 U	1.1	<5.0 U	<1.0 U	0.35 J	<1.0 U	0.56 J	1.50 U	
	10/13/2010*FD	<1.0 U	<1.0 U	1.2	<5.0 U	<1.0 U	0.54 J	0.31 J	0.85 J	1.99 U	
SB-19	10/15/2010	386 J	<500 U	<500 U	<2500 U	<500 U	181 J	<500 U	181 J	95111 U	
SB-20	10/15/2010	0.91 J	<1.0 U	0.55 J	<5.0 U	<1.0 U	28.9	8.5	37.4	278	

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 April 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
MW-2(2-17)	1/10/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/26/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-3(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	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
MW-4(5-22)	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-4S(4-9)	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/7/2009	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 April 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
	4/26/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.66 J	<1.0	<2.0	<1.0
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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	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
MW-2(2-17)	1/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	4/26/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-3(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	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
MW-4(5-22)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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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-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
MW-2(2-17)	1/10/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/26/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-3(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	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
MW-4(5-22)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	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
	4/25/2011	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-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
	4/26/2011	<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
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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 April 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-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
	4/26/2011	<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
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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-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	
MW-2(2-17)	1/10/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	4/26/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
MW-3(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	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
MW-4(5-22)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4S(4-9)	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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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-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
	4/26/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/26/2011*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<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
	4/25/2011	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
	1/11/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/28/2011	<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

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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-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	<2.0	<5.0	<5.0	<5.0	BRL	0.53 J	<1.0	<2.0	<1.0
	01/10/2011*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.62 J	<1.0	<2.0	<1.0
	4/26/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.57 J	<1.0	<2.0	0.56 J
	4/26/2011*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	4/26/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<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
	4/25/2011	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
	1/11/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.73 J	<1.0	<2.0	<1.0
	4/28/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.53 J	<1.0	<2.0	<1.0

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-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
	4/26/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	4/26/2011*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<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
	4/25/2011	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
	1/11/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	4/28/2011	<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

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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-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
	4/26/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/26/2011*FD	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<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
	4/25/2011	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
	4/28/2011	<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-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
	4/26/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/26/2011*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	1.2 J	<1.0
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	1/11/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/28/2011	<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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April 2009 through April 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-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
	4/26/2011	0.86 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	4/26/2011*FD	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	4/26/2011	<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
	4/25/2011	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
	4/28/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0

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-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	
	4/26/2011	<5.0	<1.0	<2.0	<2.0	<5.0	1.1	<1.0	<2.0	
	4/26/2011*FD	<5.0	<1.0	<2.0	<2.0	<5.0	1.1	<1.0	<2.0	
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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	
	4/26/2011	<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
	4/25/2011	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	
	4/28/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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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	1	1	1
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~
MW-11(2-17)	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
MW-11R(2-17)	4/27/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
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-12R(2-17)	4/27/2011	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
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
	4/27/2011	<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
	4/25/2011	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
	4/27/2011	<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 April 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-11(2-17)	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	NS	NS	NS	NS	NS
MW-11R(2-17)	4/27/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
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-12R(2-17)	4/27/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
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)	4/27/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.46 J	<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
	4/25/2011	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
	4/27/2011	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.56 J	<1.0	<2.0	<1.0

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	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-11(2-17)	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
MW-11R(2-17)	4/27/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
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-12R(2-17)	4/27/2011	<5.0	<5.0	0.68 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
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
	4/27/2011	<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
	4/25/2011	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
	4/27/2011	<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

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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-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
MW-11R(2-17)	4/27/2011	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
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-12R(2-17)	4/27/2011	<2.0	<5.0	<1.0	<2.0	0.54 J	<2.0	<2.0	<2.0	<2.0	<2.0
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)	4/27/2011	<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
	4/25/2011	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
	4/27/2011	<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

Former Pratt Oil Works
Long Island City, New York

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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-11(2-17)	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
MW-11R(2-17)	4/27/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
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-12R(2-17)	4/27/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
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)	4/27/2011	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	0.47 J
MW-14	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/27/2011	<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

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-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
MW-11R(2-17)	4/27/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
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-12R(2-17)	4/27/2011	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
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
	4/27/2011	<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
	4/25/2011	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
	4/27/2011	0.83 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0

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-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
MW-11R(2-17)	4/27/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
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-12R(2-17)	4/27/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.50 J	<2.0	
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)	4/27/2011	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.42 J	<2.0	
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	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	
	4/27/2011	<5.0	2.5	<2.0	<2.0	<5.0	0.90 J	<1.0	<2.0	

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<5.6	<5.6	<5.6	<5.6	<22	<22	<2.2	<2.2	<5.6	<11
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)	4/28/2011	<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
	4/25/2011	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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<11	<2.2	<5.6	<5.6	<5.6	BRL	<1.1	<1.1	<2.2	<1.1
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)	4/28/2011	<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
	4/25/2011	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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<5.6	<5.6	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<2.2	<1.1
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
	4/25/2011	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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<2.2	<5.6	<1.1	<2.2	<1.1	<2.2	<2.2	<2.2	<2.2	<2.2
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
	4/25/2011	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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<2.2	<5.6	<1.1	<5.6	<2.2	<2.2	<2.2	<2.2	<2.2	<1.1
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
	1/13/2011	<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
	4/25/2011	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	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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/25/2011	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
	4/25/2011	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
	4/28/2011	<1.1	<1.1	<1.1	<22	<2.2	<1.1	<2.2	<1.1	<5.6	<5.6
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
	4/25/2011	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-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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
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
	4/25/2011	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	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
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	
	4/28/2011	<5.6	<1.1	<2.2	<2.2	<5.6	<1.1	<1.1	<2.2	
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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18	10/13/2010	<100 U	<100 U	<100 U	<100 U	<400 U	<400 U	<40 U	<40 U	<100 U	<200 U
	10/13/2010*FD	<100 U	<100 U	<100 U	<100 U	<400 U	<400 U	<40 U	<40 U	<100 U	<200 U
SB-19	10/15/2010	<5.0 U	<5.0 U	<5.0 U	2.2 J	<20 UJ	<20 U	<2.0 U	2.2 J	<5.0 U	<10 U
SB-20	10/15/2010	<5.0 U	<5.0 U	<5.0 U	4.6 J	<20 UJ	<20 U	1.3 J	4.0 J	<5.0 U	<10 U

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18	10/13/2010	<200 U	NA	<100 U	<100 U	<100 U	<1300 U	18.2 J	<20 U	<40 U	57.5 J
	10/13/2010*FD	<200 U	NA	<100 U	<100 U	<100 U	<1300 U	10.0 J	<20 U	<40 U	27.2 J
SB-19	10/15/2010	<10 U	NA	<5.0 U	<5.0 U	<5.0 U	2.2 UJ	0.79 J	<1.0 U	<2.0 U	2.3
SB-20	10/15/2010	<10 U	NA	<5.0 U	<5.0 U	<5.0 U	4.6 UJ	0.91 J	<1.0 U	<2.0 U	2.2 J

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18	10/13/2010	<100 U	<100 U	220 J	92.6 J	69.0 J	41.8 J	23.6 J	<40 U	<40 U	<20 U
	10/13/2010*FD	<100 U	<100 U	122 J	44.9 J	34.5 J	22.4 J	16.4 J	<40 U	<40 U	<20 U
SB-19	10/15/2010	<5.0 U	<5.0 U	17.5	9.9	3.8	3.2	2.7	<2.0 U	<2.0 U	<1.0 U
SB-20	10/15/2010	<5.0 U	<5.0 U	12.8 J	7.1 J	2.8 J	2.2 J	1.4 J	<2.0 U	<2.0 U	<1.0 U

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18	10/13/2010	<40 U	<100 U	8.8 J	<40 U	301 J	<40 U	<40 U	<40 U	<40 U	<40 U
	10/13/2010*FD	<40 U	<100 U	8.5 J	<40 U	187 J	<40 U	<40 U	<40 U	<40 U	<40 U
SB-19	10/15/2010	<2.0 U	<5.0 U	<1.0 U	<2.0 U	29.7	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U
SB-20	10/15/2010	<2.0 U	<5.0 U	<1.0 U	<2.0 U	22.0 J	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18	10/13/2010	<40 U	<100 U	46.5 J	12.6 J	<40 U	<40 U	<40 U	<40 U	<40 U	121 J
	10/13/2010*FD	<40 U	<100 U	14.3 J	<100 UJ	<40 U	<40 U	<40 U	<40 U	<40 U	64.7 J
SB-19	10/15/2010	<2.0 U	<5.0 R	2.4	0.43 J	<2.0 U	<2.0 U	<2.0 U	<2.0 U	1.8 J	3.2
SB-20	10/15/2010	<2.0 U	<5.0 R	1.9 J	0.47 J	<2.0 U	<2.0 U	<2.0 U	<2.0 U	1.6 J	2.4 J

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID (screen Interval fbg)	Date	Fluorene	Hexachloro- benzene	Hexachloro- butadiene	Hexachloro- cyclo- pentadiene	Hexachloro- ethane	Indeno- (1,2,3-cd)- pyrene	Isophorone	2-Methyl- naphthalene	2-Nitro- aniline	3-Nitro- aniline
NYSDEC Standards		~	0.04	0.5	5	5	~	~	~	~	~
NYSDEC Guidance Values		50	~	~	~	~	0.002	50	~	5	5
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18	10/13/2010	11.7 J	<20 U	<20 U	<400 U	<40 U	22.0 J	<40 U	<20 U	<100 U	<100 U
	10/13/2010*FD	<20 R	<20 U	<20 U	<400 U	<40 U	14.3 J	<40 U	<20 U	<100 U	<100 U
SB-19	10/15/2010	1.5	<1.0 U	<1.0 U	<20 U	<2.0 U	1.3	<2.0 U	9.5	<5.0 U	<5.0 U
SB-20	10/15/2010	1.5 J	<1.0 U	<1.0 U	<20 U	<2.0 U	0.98 J	<2.0 U	12.1 J	<5.0 U	<5.0 U

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 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-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
SB-18	10/13/2010	<100 U	16.9 J	<40 U	<40 U	<100 U	90.7 J	168 J	<40 U	
	10/13/2010*FD	<100 U	13.9 J	<40 U	<40 U	<100 U	52.3	90.8 J	<40 U	
SB-19	10/15/2010	<5.0 U	4.4	<2.0 U	<2.0 U	<5.0 U	10.5	18.7	<2.0 U	
SB-20	10/15/2010	<5.0 U	7.0 J	<2.0 U	<2.0 U	<5.0 U	8.8 J	13.6 J	<2.0 U	

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 April 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt
NYSDEC Standards		100	3	25	1000	~	5	~	50	5
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~
MW-1(6-18)	4/7/2009	<200	<6.0	9.7	247	1.4	<3.0	134000	<10	<50
	7/29/2009	<200	<6.0	4.6	206	<1.0	<3.0	100000	<10	<50
	10/26/2009	711	<6.0	9.7	227	<1.0	<3.0	108000	<10	<50
	1/20/2010	950	<6.0	<8.0	<200	<1.0	<3.0	84300	<10	<50
	4/23/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	78300	<10	<50
	04/23/2010*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	81700	<10	<50
	7/21/2010	<200	<6.0	5.7	<200	<1.0	<3.0	64800	<10	<50
	07/21/2010*FD	<200	<6.0	6.1	<200	<1.0	<3.0	65600	<10	<50
	10/18/2010	<200	<6.0	8.0	<200	<1.0	<3.0	61400	<10	<50
	1/10/2011	<200	<6.0	4.0	<200	<1.0	<3.0	67100	<10	<50
	4/26/2011	<200	<6.0	3.7	<200	<1.0	<3.0	62700	<10	<50
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	98700	<12	130	<400	2.4	10.6	623000	139	<100
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	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
	10/21/2010	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
	7/29/2009	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
	4/25/2011	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 April 2011

Sample ID	Date	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
NYSDEC Standards		200	300	25	~	300	0.7	100	~	10
NYSDEC Guidance Values		~	~	~	35000	~	~	~	~	~
MW-1(6-18)	4/7/2009	<10	3320	<3.0	15500	1090	<0.20	<10	<10000	<10
	7/29/2009	<10	2080	3.2	7380	591	<0.20	<10	<10000	<10
	10/26/2009	<10	2600	21.4	8310	548	<0.20	<10	<10000	<10
	1/20/2010	<10	785	4.4	<5000	353	<0.20	<10	<10000	<10
	4/23/2010	<10	161	<3.0	<5000	314	<0.20	<10	<10000	<10
	04/23/2010*FD	<10	149	<3.0	<5000	316	<0.20	<10	<10000	<10
	7/21/2010	<10	<100	<3.0	<5000	246	<0.20	<10	<10000	<10
	07/21/2010*FD	<10	<100	<3.0	<5000	240	<0.20	<10	<10000	<10
	10/18/2010	<10	<100	<3.0	<5000	216	<0.20	<10	<10000	<10
	1/10/2011	<10	138	<3.0	<5000	262	<0.20	<10	<10000	<10
	4/26/2011	<10	<100	<3.0	<5000	271	<0.20	<10	<10000	<10
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<100 J	105000	357	162000	3330	<0.80	118	114000	<100 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	49.6	179000	94.8	250000	9500	0.21	84.6	161000	<20
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	21.1	82200	15.4	160000	7490	<0.80	27.8	149000	<20
	10/21/2010	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
	7/29/2009	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
	4/25/2011	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 April 2011

Sample ID	Date	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	0.5	~	2000	~	
MW-1(6-18)	4/7/2009	<10	30600 J	<2.0	<50	<20	<10	
	7/29/2009	<10	24200	<10	<50	<20	<10	
	10/26/2009	<10	22900	<2.0	<50	<20	<10	
	1/20/2010	<10	15400	<10	<50	<20	19	
	4/23/2010	<10	18100	<10	<50	<20	<10	
	04/23/2010*FD	<10	18800	<10	<50	<20	<10	
	7/21/2010	<10	16300	<10	<50	<20	<10	
	07/21/2010*FD	<10	16200	<10	<50	<20	<10	
	10/18/2010	<10	14000	<2.0	<50	<20	<10	
	1/10/2011	<10	15600	<10	<50	<20	<10	
	4/26/2011	<10	14900	<2.0	<50	<20	<10	
MW-2(2-17)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-3(3-18)	4/29/2009	<100 J	400000	<20	<500	1020 J	<10	
	7/29/2009	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	<20	522000	<10	146	773	<10	Sample collected below LNAPL
	1/22/2010	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/22/2010	<20	487000	<20	<100	154	14	Sample collected below LNAPL
	10/21/2010	NA	NA	NA	NA	NA	<10	Insufficient sample (See dissolved metals)
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	LNAPL in well/well replaced
MW-4S(4-9)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt
NYSDEC Standards		100	3	25	1000	~	5	~	50	5
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~
MW-4D(13.5-18.5)	10/29/2009	<200	<6.0	13.5	<200	<1.0	<3.0	56200	<10	<50
	1/26/2010	<200	<6.0	16.8	<200	<1.0	<3.0	50200	<10	<50
	01/26/2010*FD	<200	<6.0	18.1	<200	<1.0	<3.0	51600	<10	<50
	4/26/2010	268	<6.0	12.9	<200	<1.0	<3.0	49600	<10	<50
	7/21/2010	<200	<6.0	15.9	<200	<1.0	<3.0	60800	<10	<50
	10/19/2010	<200	<6.0	22.3	<200	<1.0	<3.0	50700	<10	<50
	10/19/2010*FD	261	<6.0	23.6	<200	<1.0	<3.0	49500	<10	<50
	1/10/2011	204	<6.0	<3.0	<200	<1.0	<3.0	262000	<10	<50
	01/10/2011*FD	<200	<6.0	13.4	<200	<1.0	<3.0	54800	<10	<50
	4/26/2011	<200	<6.0	15.5	<200	<1.0	<3.0	55500	<10	<50
	4/26/2011*FD	<200	<6.0	14.9	<200	<1.0	<3.0	51300	<10	<50
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	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
	7/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	215000	<10	<50
	10/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	217000	<10	<50
	1/20/2010	<200	<600	9.2	<200	<1.0	<3.0	230000	<10	<50
	4/23/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	225000	<10	<50
	7/21/2010	<200	<6.0	4.6	<200	<1.0	<3.0	234000	<10	<50
	10/19/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	205000	<10	<50
	1/10/2011	<200	<6.0	13.7	<200	<1.0	<3.0	54900	<10	<50
	4/26/2011	<200	<6.0	<3.0	<200	<1.0	<3.0	151000	<10	<50
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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 April 2011

Sample ID	Date	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
NYSDEC Standards		200	300	25	~	300	0.7	100	~	10
NYSDEC Guidance Values		~	~	~	35000	~	~	~	~	~
MW-4D(13.5-18.5)	10/29/2009	<10	19100	<3.0	12700	412	<0.20	<10	15000	<10
	1/26/2010	<10	25900	<3.0	9980	425	<0.20	<10	13000	<10
	01/26/2010*FD	<10	26800	<3.0	10300	443	<0.20	<10	13500	<10
	4/26/2010	<10	31500	4.3	10500	380	<0.20	<10	13600	<10
	7/21/2010	<10	34200	<3.0	12100	509	<0.20	<10	14400	<10
	10/19/2010	<10	28900	<3.0	8300	434	<0.20	<10	13700	<10
	10/19/2010*FD	<10	28800	<3.0	8150	431	<0.20	<10	13700	<10
	1/10/2011	<10	316	<30	816000	65.4	<0.20	<20	270000	<10
	01/10/2011*FD	<10	25100	<3.0	9210	475	<0.20	<10	14800	<10
	4/26/2011	<10	29400	<3.0	9170	461	<0.20	<10	14500	<10
	4/26/2011*FD	<10	27100	<3.0	8490	428	<0.20	<10	13600	<10
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	58.0	177	<30 J	611000	76.4	<0.20	<10 J	228000	<10
	7/28/2009	<10	799	<30	711000	295	<0.20	<10	257000	<10
	10/27/2009	<10	177	<3.0	724000	147	<0.20	<10	354000	<10
	1/20/2010	<10	<100	7.0	783000	64.5	<0.20	<10	374000	<10
	4/23/2010	<10	238	<30	700000	91.3	<0.20	<10	220000	<10
	7/21/2010	<10	554	<15	740000	150	<0.20	<50	242000	<10
	10/19/2010	<10	599	<15	662000	51.0	<0.20	67.3	240000	<10
	1/10/2011	<10	24800	<3.0	9220	471	<0.20	<10	14800	<10
	4/26/2011	<10	226	3.1	420000	64.7	<0.20	<10	156000	<10
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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 April 2011

Sample ID	Date	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	0.5	~	2000	~	
MW-4D(13.5-18.5)	10/29/2009	<10	147000	<10	<50	<20	<10	
	1/26/2010	<10	130000	<10	<50	<20	21	
	01/26/2010*FD	<10	135000	<10	<50	<20	<10	
	4/26/2010	<10	112000	<5.0	<50	<20	<10	
	7/21/2010	<10	127000	<10	<50	<20	<10	
	10/19/2010	<10	122000	<2.0	<50	<20	<10	
	10/19/2010*FD	<10	116000	<2.0	<50	<20	<10	
	1/10/2011	<10	7940000	<20	<50	<20	<10	
	01/10/2011*FD	<10	127000	<10	<50	<20	<10	
	4/26/2011	<10	172000	<2.0	<50	<20	<10	
	4/26/2011*FD	<10	157000	<2.0	<50	<20	<10	
MW-5(13-21)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-6(18-23)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-7(1-15)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-8(1-13)	4/8/2009	<10	5120000	<2.0 J	<50 J	<20 J	<10	
	7/28/2009	<10	5240000	<20	<50	<20	<10	
	10/27/2009	<10	6380000	<10	<50	<20	<10	
	1/20/2010	<10	6480000	<1000	<50	<20	25	
	4/23/2010	<10	5340000	<10	<50	<200	<10	
	7/21/2010	<10	5600000	<50	<50	<20	<10	
	10/19/2010	<10	4340000	<10	<50	<20	<10	
	1/10/2011	<10	125000	<10	<50	<20	<10	
	4/26/2011	<10	2910000	<2.0	<50	<20	<10	
MW-9(3-18)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt
NYSDEC Standards		100	3	25	1000	~	5	~	50	5
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~
MW-10(3-13)	4/8/2009	<200	<6.0	22.7	<200	<1.0	<3.0	58700	<10	<50
	07/30/2009*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	86100	<10	<50
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	4.1 J	85700	<10	<50
	10/27/2009	<200	<6.0	<8.0	210	<1.0	<3.0	123000	<10	<50
	1/20/2010	<200	<6.0	<3.0	295	<1.0	<3.0	175000	<10	<50
	4/22/2010	<200	<6.0	<3.0	241	<1.0	<3.0	162000	<10	<50
	7/20/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	114000	<10	<50
	10/18/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	129000	<10	<50
	1/11/2011	<200	<6.0	<3.0	335	<1.0	<3.0	190000	<10	<50
	4/28/2011	<200	<6.0	10.6	217	<1.0	<3.0	162000	<10	<50
MW-11(2-17)	4/8/2009	<200	<6.0	7.8	<200	<1.0	<3.0	217000	<10	<50
	04/08/2009*FD	<200	<6.0	7.4	<200	<1.0	<3.0	218000	<10	<50
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	201000	<10	<50
	10/27/2009	<200	<6.0	8.8	<200	<1.0	<3.0	232000	<10	<50
	1/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	212000	<10	<50
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11R(2-17)	4/27/2011	<200	<6.0	<3.0	<200	<1.0	<3.0	181000	<10	<50
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	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
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12R(2-17)	4/27/2011	<200	<6.0	<3.0	<200	<1.0	<3.0	155000	<10	<50

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
NYSDEC Standards		200	300	25	~	300	0.7	100	~	10
NYSDEC Guidance Values		~	~	~	35000	~	~	~	~	~
MW-10(3-13)	4/8/2009	<10	6170	5.5	5760	409	<0.20	<10	<10000	<10
	07/30/2009*FD	<10	7830 J	<3.0	7590	516	<0.20	<10	<10000	<10
	7/30/2009	<10	7950 J	<3.0	7590	520	<0.20	<10	<10000	<10
	10/27/2009	<10	8920	<3.0	10600	678	<0.20	<10	<10000	<10
	1/20/2010	<10	9920	<3.0	15700	1000	<0.20	<10	<10000	<10
	4/22/2010	<10	9340	7.4	14800	912	<0.20	<10	<10000	<10
	7/20/2010	<10	6440	<3.0	10000	694	<0.20	<10	<10000	<10
	10/18/2010	<10	7940	6.4	13100	667	<0.20	<10	<10000	<10
	1/11/2011	<10	13100	<3.0	19700	1230	<0.20	<10	10900	<10
	4/28/2011	<10	10200	3.2	16800	786	<0.20	<10	<10000	<10
MW-11(2-17)	4/8/2009	<10	1540	<6.0	548000	963	<0.20	<10	185000	<10
	04/08/2009*FD	<10	1500	<6.0	545000	955	<0.20	<10	188000	<10
	7/30/2009	<10	579 J	<3.0	559000	705	<0.20	<10	197000	<10
	10/27/2009	<10	123	11.5	683000	580	<0.20	<10	224000	<10
	1/21/2010	29.1	<100	<3.0	566000	487	<0.20	<10	172000	<10
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11R(2-17)	4/27/2011	<10	857	<3.0	386000	374	<0.20	<10	151000	<10
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	19.4	2370	5.8	641000	306	<0.20	<10	189000	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12R(2-17)	4/27/2011	<10	1130	<3.0	403000	160	<0.20	<10	163000	<10

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	0.5	~	2000	~	
MW-10(3-13)	4/8/2009	<10	17600	<5.0	<50	<20	61	
	07/30/2009*FD	<10	21600	<10	<50	<20	39	
	7/30/2009	<10	21000	<10	<50	<20	37	
	10/27/2009	<10	37500	<10	<50	<20	29	
	1/20/2010	<10	105000	<10	<50	<20	28	
	4/22/2010	<10	84000	<10	<50	<20	19	
	7/20/2010	<10	49900	<10	<50	<20	25	
	10/18/2010	<10	50100	<2.0	<50	<20	15	
	1/11/2011	<10	143000	<10	<50	<20	28	
	4/28/2011	<10	63000	<2.0	<50	<20	<10	
MW-11(2-17)	4/8/2009	<10	4000000	<5.0	<50	<20	<10	
	04/08/2009*FD	<10	4670000	<5.0	<50	<20	<10	
	7/30/2009	<10	4260000	<10	<50	<20	<10	
	10/27/2009	<10	5400000	<10	<50	<20	<10	
	1/21/2010	<10	4310000	<2.0	<50	20.1	<10	
	4/23/2010	NS	NS	NS	NS	NS	NS	Well destroyed
MW-11R(2-17)	4/27/2011	<10	3600000	<2.0	<50	<20	<10	
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	Well inaccessible
	10/26/2009	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/22/2010	<10	4380000	<10	<50	<200	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	Well destroyed
MW-12R(2-17)	4/27/2011	<10	3590000	<2.0	<50	22.2	<10	

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt
NYSDEC Standards		100	3	25	1000	~	5	~	50	5
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~
MW-13(1-8)	4/8/2009	<200	<6.0	5.8	<200	<1.0	<3.0	116000	<10	<50
	7/30/2009	<200	<6.0	<3.0	220	<1.0	<3.0	197000	<10	<50
	10/27/2009	644	<6.0	<8.0	477	<1.0	3.4	187000	<10	<50
	1/22/2010	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
	7/19/2010	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
	1/11/2011	<200	<6.0	<3.0	642	<1.0	<3.0	183000	<10	<50
	4/27/2011	<200	<6.0	<3.0	260	<1.0	<3.0	221000	<10	<50
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	10/28/2009	<200	<6.0	26.7	213	<1.0	<3.0	77300	<10	<50
	1/26/2010	2390	<6.0	25.0	<200	<1.0	<3.0	68500	<10	<50
	4/23/2010	<200	<6.0	31.6	<200	<1.0	<3.0	79200	<10	<50
	7/22/2010	<200	<6.0	34.5	<200	<1.0	<3.0	71300	<10	<50
	10/20/2010	<200	<6.0	37.5	<200	<1.0	<3.0	61100	<10	<50
	1/11/2011	<200	<6.0	31.1	<200	<1.0	<3.0	69000	<10	<50
	4/27/2011	203	<6.0	25.4	<200	<1.0	<3.0	48500	<10	<50
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	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
	10/20/2010	<200	<6.0	22.5	<200	<1.0	<3.0	52400	<10	<50
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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 April 2011

Sample ID	Date	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
NYSDEC Standards		200	300	25	~	300	0.7	100	~	10
NYSDEC Guidance Values		~	~	~	35000	~	~	~	~	~
MW-13(1-8)	4/8/2009	75.5	679	73.2	13600	106	<0.20	<10	17800	<10
	7/30/2009	<10	8370 J	19.8	20500	410	<0.20	<10	21900	<10
	10/27/2009	23.6	7900	61.3	21100	354	<0.20	<10	22200	<10
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<10	5270	8.3	19200	295	<0.20	<10	18900	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/2010	<10	4310	6.4	22100	260	<0.20	<10	25800	11.4
	1/11/2011	26.9	3410	33.9	21300	226	<0.20	<10	26200	<10
	4/27/2011	<10	5730	32.8	22900	415	<0.20	<10	34600	<10
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15(5.5-20.5)	7/28/2009	57.5	33900	11.0	7980	476	<0.20	10.3	11200	<10
	10/28/2009	<10	37400	<3.0	6290	600	<0.20	<10	11700	<10
	1/26/2010	29.2	45000	3.1	6370	674	<0.20	<10	11100	<10
	4/23/2010	<10	52600	<3.0	6500	1220	<0.20	<10	11400	<10
	7/22/2010	<10	51800	<3.0	5990	902	<0.20	<10	10400	<10
	10/20/2010	<10	46900	<3.0	5270	881	<0.20	<10	10700	<10
	1/11/2011	<10	46100	<3.0	5880	750	<0.20	<10	11400	<10
	4/27/2011	<10	45100	<3.0	5250	1350	<0.20	<10	<10000	<10
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<10	47400	<3.0	19200	836	<0.20	<10	<10000	<10
	10/20/2010	<10	35000	<3.0	12300	717	<0.20	<10	<10000	<10
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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 April 2011

Sample ID	Date	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	0.5	~	2000	~	
MW-13(1-8)	4/8/2009	<10	61000	<5.0	<50	174	44	
	7/30/2009	<10	76700	<10	<50	174	16	
	10/27/2009	<10	78900	<10	<50	578	<10	
	1/22/2010	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	4/22/2010	<10	79800	<10	<50	151	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	10/20/2010	<10	103000	<10	<50	22.8	13	
	1/11/2011	<10	111000	<10	<50	85.4	18	
MW-14(7.5-27.5)	4/27/2011	<10	215000	<2.0	<50	152	<10	
MW-14(7.5-27.5)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-15(5.5-20.5)	7/28/2009	<10	61100	<10	<50	35.3	<10	
	10/28/2009	<10	74600	<2.0	<50	<20	<10	
	1/26/2010	<10	76200	<10	<50	<20	<10	
	4/23/2010	<10	90100	<10	<50	<20	<10	
	7/22/2010	<10	77600	<10	<50	<20	<10	
	10/20/2010	<10	71800	<10	<50	<20	<10	
	1/11/2011	<10	83700	<10	<50	<20	<10	
	4/27/2011	<10	47000	<2.0	<50	<20	<10	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/20/2010	<10	64700	<10	<50	<20	<10	
	10/20/2010	<10	81100	<10	<50	<20	<10	
	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt
NYSDEC Standards		100	3	25	1000	~	5	~	50	5
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	10/29/2009	<200	<6.0	<8.0	667	<1.0	<3.0	226000	<10	<50
	1/26/2010	230	<6.0	6.2	788	<1.0	<3.0	295000	<10	<50
	4/22/2010	<200	<6.0	6.3	690	<1.0	<3.0	224000	<10	<50
	7/19/2010	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
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	10/28/2009	2210	<6.0	<3.0	251	<1.0	<3.0	102000	<10	<50
	1/21/2010	490	<6.0	<3.0	<200	<1.0	<3.0	83700	<10	<50
	4/23/2010	337	<6.0	<3.0	<200	1.0	<3.0	182000	<10	<50
	7/20/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	113000	<10	<50
	10/21/2010	362	<6.0	<3.0	215	<1.0	<3.0	106000	<10	<50
	1/13/2011	597	<6.0	<3.0	232	<1.0	<3.0	115000	<10	<50
	4/28/2011	<200	<6.0	3.2	204	<1.0	<3.0	164000	<10	<50

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
NYSDEC Standards		200	300	25	~	300	0.7	100	~	10
NYSDEC Guidance Values		~	~	~	35000	~	~	~	~	~
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-18(17.5-37.5)	9/24/2009	<10	50800	<3.0	85400	1200	<0.20	<10	17500	<10
	10/29/2009	<10	53800	<3.0	64900	1320	<0.20	<10	23100	<10
	1/26/2010	<10	65700	<3.0	88300	1780	<0.20	<10	20200	<10
	4/22/2010	<10	28900	<3.0	61000	1600	<0.20	<10	20700	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/21/2010	<10	45300	<3.0	74900	1530	<0.20	<10	19200	10.1
	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	44.2 J	24600	7.0	36600	4010	<0.20	<10	<10000	<10 J
	10/28/2009	20.7	30800	<3.0	32600	3130	<0.20	<10	<10000	<10
	1/21/2010	31.4	19200	<3.0	33400	2750	<0.20	<10	<10000	<10
	4/23/2010	<10	12000	<3.0	44800	6120	<0.20	37.0	<10000	<10
	7/20/2010	<10	26200	<3.0	36500	3540	<0.20	<10	<10000	<10
	10/21/2010	33.0	22800	<3.0	37000	2850	<0.20	<10	<10000	<10
	1/13/2011	<10	20400	<3.0	44000	3170	<0.20	<10	<10000	<10
	4/28/2011	<10	7850	<3.0	45400	6100	<0.20	31.1	<10000	<10

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	0.5	~	2000	~	
MW-17(8.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-18(17.5-37.5)	9/24/2009	<10	58800	<5.0	<50	<20	<10	
	10/29/2009	<10	51300	<10	<50	<20	<10	
	1/26/2010	<10	57100	<10	<50	<20	17	
	4/22/2010	<10	41400	<10	<50	<20	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/21/2010	<10	54100	<10	<50	<20	<10	
	1/10/2011	NS	NS	NS	NS	NS	NS	Well inaccessible
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-19(11.5-31.5)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	Well inaccessible
MW-20(9.5-29.5)	7/27/2009	<10	90100	<10	<50	39.5	<10	
	10/28/2009	<10	148000	<2.0	<50	<20	<10	
	1/21/2010	<10	114000	<2.0	<50	22.1	<10	
	4/23/2010	<10	322000	<10	<50	<20	<10	
	7/20/2010	<10	168000	<10	<50	<20	<10	
	10/21/2010	<10	162000	<10	<50	<20	<10	
	1/13/2011	<10	165000	<5.0	<50	<20	<10	
	4/28/2011	<10	256000	<2.0	<50	20.1	<10	

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt
NYSDEC Standards		100	3	25	1000	~	5	~	50	5
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~
MW-21(10.5-25.5)	7/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	119000	<10	<50
	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	111000	<10	<50
	10/28/2009*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	116000	<10	<50
	1/21/2010	297	<6.0	<3.0	<200	<1.0	<3.0	106000	<10	<50
	4/22/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	99700	<10	<50
	7/19/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	114000	<10	<50
	10/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	117000	<10	<50
	1/13/2011	<200	<6.0	<3.0	<200	<1.0	<3.0	111000	<10	<50
	4/28/2011	<200	<6.0	<3.0	<200	<1.0	<3.0	94500	<10	<50
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18 GW	10/13/2010	4910 J	<12 U	105	<400 U	<2.0 U	<6.0 U	273000	<20 UJ	<100 UJ
	10/13/2010*FD	8360 J	<12 U	120	<400 U	<2.0 U	<6.0 U	260000	33.4 J	<100 UJ
SB-19 GW	10/15/2010	305	<6.0 U	13.8 J	436	<1.0 U	6.0	258000	<10 U	<50 U
SB-20 GW	10/15/2010	12400	10.1	76.8	376	<1.0 U	<3.0 U	222000	37.8	<50 U

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
NYSDEC Standards		200	300	25	~	300	0.7	100	~	10
NYSDEC Guidance Values		~	~	~	35000	~	~	~	~	~
MW-21(10.5-25.5)	7/27/2009	<10	287	<3.0	38400	83.9	<0.20	<10	<10000	11.2
	10/28/2009	<10	227	<3.0	34300	41.0	<0.20	<10	<10000	<10
	10/28/2009*FD	<10	144	<3.0	35800	37.4	<0.20	<10	<10000	10.4
	1/21/2010	29.6	502	<3.0	34300	24.0	<0.20	17.1	<10000	<10
	4/22/2010	<10	206	<3.0	30800	<15	<0.20	<10	<10000	<10
	7/19/2010	<10	221	<3.0	36600	23.0	<0.20	<10	<10000	<10
	10/21/2010	<10	439	<3.0	38000	21.0	<0.20	<10	<10000	<10
	1/13/2011	<10	<100	<3.0	36600	<15	<0.20	<10	<10000	<10
	4/28/2011	<10	142	<3.0	31800	<15	<0.20	<10	<10000	<10
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/25/2011	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
	4/25/2011	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
	4/25/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-18 GW	10/13/2010	210	9540 J	214 J	669000 J	220	<0.80 U	31.2 J	236000	<20 U
	10/13/2010*FD	297	15600 J	376 J	640000 J	268	<0.80 U	58.4 J	224000	<20 U
SB-19 GW	10/15/2010	46.4	2630	9.9	13300	851	<0.40 U	<10 U	53200	<10 U
SB-20 GW	10/15/2010	135	16400	58.1	644000	226	<0.40 U	58.0	229000	<10 U

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through April 2011

Sample ID	Date	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	0.5	~	2000	~	
MW-21(10.5-25.5)	7/27/2009	<10	78600	<10	<50	<20	<10	
	10/28/2009	<10	76100	<2.0	<50	<20	<10	
	10/28/2009*FD	<10	78400	<2.0	<50	<20	<10	
	1/21/2010	<10	70900	<2.0	<50	27.4	<10	
	4/22/2010	<10	81300	<10	<50	<20	<10	
	7/19/2010	<10	76400	<10	<50	<20	<10	
	10/21/2010	<10	82700	<10	<50	<20	<10	
	1/13/2011	<10	81700	<5.0	<50	<20	<10	
	4/28/2011	<10	65300	<2.0	<50	<20	<10	
MW-22(14.5-34.5)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-23(10.5-24.5)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-24(5.5-25.5)	1/10/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
	4/25/2011	NS	NS	NS	NS	NS	NS	LNAPL in well
SB-18 GW	10/13/2010	<20 U	4650000	<20 U	<100 U	362 J	<10 U	
	10/13/2010*FD	<20 U	4460000	<20 U	<100 U	779 J	<10 U	
SB-19 GW	10/15/2010	<10 U	871000 J	<2.0 U	<50 U	51.9	<10 U	
SB-20 GW	10/15/2010	<10 U	4140000 J	<2.0 U	<50 U	87.1	<10 U	

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
NYSDEC Standards		100	3	25	1000	~	5	~	50	5
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~
MW-3(3-18)	10/29/2009	116000	<12	124	<400	3.2	10.8	571000	224	<100
	10/21/2010	130000	<30	129	<1000	<5.0	<15	591000	190	<250
MW-4D(13.5-18.5)	1/26/2010	<200	<6.0	16.0	<200	<1.0	<3.0	51500	<10	<50
	01/26/2010*FD	<200	<6.0	17.6	<200	<1.0	<3.0	51600	<10	<50
MW-8(1-13)	4/8/2009	<200	8.5 J	5.9 J	<200	<5.0	<3.0	214000	<10 J	<50 J
	7/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	212000	<10	<50
	1/20/2010	<200	<600	11.8	<200	<1.0	<3.0	241000	<10	<50
MW-10(3-13)	4/8/2009	<200	<6.0	25.5	<200	<1.0	<3.0	60500	<10	<50
MW-11(2-17)	4/8/2009	<200	<6.0	6.5	<200	<1.0	<3.0	216000	<10	<50
	04/08/2009*FD	<200	6.4	9.7	<200	<1.0	<3.0	215000	<10	<50
MW-12(2-16)	4/22/2010	<200	<6.0	10.3	566	<1.0	<3.0	228000	<10	<50
MW-13(1-8)	4/8/2009	<200	<6.0	6.9	<200	<1.0	<3.0	119000	<10	<50
MW-15(5.5-20.5)	7/28/2009	<200	<6.0	17.3	209	<1.0	<3.0	78300	<10	<50
	10/28/2009	<200	<6.0	29.9	227	<1.0	<3.0	81300	<10	<50
	1/26/2010	<200	<6.0	24.6	<200	<1.0	<3.0	72200	<10	<50
MW-18(17.5-37.5)	4/22/2010	<200	<6.0	5.9	687	<1.0	<3.0	223000	<10	<50
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
	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	79800	<10	<50
	1/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	82400	<10	<50

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2010

Sample ID	Date	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
NYSDEC Standards		200	300	25	~	300	0.7	100	~	10
NYSDEC Guidance Values		~	~	~	35000	~	~	~	~	~
MW-3(3-18)	10/29/2009	35.6	192000	111	244000	9180	<0.20	97.2	160000	<20
	10/21/2010	229	256000	128	222000	6770	<0.80	114	159000	<50
MW-4D(13.5-18.5)	1/26/2010	<10	26200	<3.0	10200	437	<0.20	<10	13400	<10
	01/26/2010*FD	<10	26200	<3.0	10200	434	<0.20	<10	13300	<10
MW-8(1-13)	4/8/2009	<10	<100	<30 J	657000	79.2	<0.20	<10 J	251000	<10
	7/28/2009	<10	789	<30	706000	289	<0.20	<10	255000	<10
	1/20/2010	<10	<100	9.2	818000	65.2	<0.20	<10	403000	<10
MW-10(3-13)	4/8/2009	<10	6370	<3.0	5920	393	<0.20	<10	<10000	<10
MW-11(2-17)	4/8/2009	<10	1460	<30	540000	959	<0.20	<10	186000	<10
	04/08/2009*FD	<10	1520	<30	543000	974	<0.20	<10	187000	<10
MW-12(2-16)	4/22/2010	<10	<100	<30	631000	279	<0.20	<10	183000	<10
MW-13(1-8)	4/8/2009	<10	426	<3.0	13600	125	<0.20	<10	17700	<10
MW-15(5.5-20.5)	7/28/2009	<10	19000	<3.0	6920	435	<0.20	<10	10600	<10
	10/28/2009	<10	39800	<3.0	6630	626	<0.20	<10	12300	<10
	1/26/2010	<10	44000	<3.0	6340	698	<0.20	<10	11400	<10
MW-18(17.5-37.5)	4/22/2010	<10	28200	<3.0	60600	1570	<0.20	<10	20600	<10
MW-20(9.5-29.5)	7/27/2009	<10 J	20000	<3.0	38600	4310	<0.20	<10	<10000	<10 J
	10/28/2009	<10	21700	<3.0	31200	3130	<0.20	<10	<10000	<10
	1/21/2010	<10	18600	<3.0	33300	2800	<0.20	<10	<10000	<10

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2010

Sample ID	Date	Silver	Sodium	Thallium	Vanadium	Zinc	Comments
NYSDEC Standards		50	20000	~	14	~	
NYSDEC Guidance Values		~	~	0.5	~	2000	
MW-3(3-18)	10/29/2009	<20	543000	<10	203	1100	Sampled below LNAPL
	10/21/2010	<50	798000	<50	<250	921	Sampled below LNAPL
MW-4D(13.5-18.5)	1/26/2010	<10	134000	<10	<50	<20	
	01/26/2010*FD	<10	134000	<10	<50	<20	
MW-8(1-13)	4/8/2009	<10	5580000	<2.0 J	<50 J	<20 J	
	7/28/2009	<10	5040000	<20	<50	<20	
	1/20/2010	<10	7090000	<1000	<50	<20	
MW-10(3-13)	4/8/2009	<10	19200	<5.0	<50	<20	
MW-11(2-17)	4/8/2009	<10	4340000	<5.0	<50	<20	
	04/08/2009*FD	<10	4260000	<5.0	<50	<20	
MW-12(2-16)	4/22/2010	<10	4490000	<10	<50	<200	
MW-13(1-8)	4/8/2009	<10	62900	<5.0	<50	<20	
MW-15(5.5-20.5)	7/28/2009	<10	66700	<10	<50	<20	
	10/28/2009	<10	79000	<2.0	<50	<20	
	1/26/2010	<10	81200	<10	<50	<20	
MW-18(17.5-37.5)	4/22/2010	<10	43100	<10	<50	<20	
MW-20(9.5-29.5)	7/27/2009	<10	109000	<10	<50	<20	
	10/28/2009	<10	107000	<2.0	<50	<20	
	1/21/2010	<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

unfiltered
groundwater

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
SB-16 GW	10/12/2010	-0.0700	<1300 U	833	NA	1.3	<0.020 R	1.3	NA	874000
SB-18 GW	10/13/2010	1.58	38.8	11300	NA	<0.11 U	<0.010 R	<0.10 U	NA	1400
	10/13/2010*FD	1.63	38.1	11000	NA	<0.11 U	<0.010 R	<0.10 U	NA	1410
SB-19 GW	10/15/2010	6.66	<0.50 U	2240	NA	<0.10 U	0.0037 J	<0.10 U	NA	11.1
SB-20 GW	10/15/2010	7.23	39.9	11900	NA	<0.10 U	<0.0020 UJ	<0.10 U	NA	838

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
SB-16 (5-7)	10/12/2010	79.0	49.0	23.0	<5.0 U	<15.0 U	<10.0 U	<7.0 U	22.0	<15.0 U
SB-18 (8-13)	10/13/2010	2.4 J	<5.0 U	12.0	<5.0 U	<15.0 U	15.0	<7.0 U	<5.0 U	<15.0 U
SB-18 (8-13)*FD	10/13/2010	1.1 J	<5.0 U	23.0	<5.0 U	<15.0 U	11.0	<7.0 U	<5.0 U	<15.0 U
SB-19 (7-12)	10/15/2010	6.0 M	<0.05	<0.050	<0.050	0.250	<0.10 U	<0.70 U	1.0	0.074 J
SB-20 (11-16)	10/15/2010	0.88	<0.50 U	<0.50 U	<0.50 U	<1.5 U	3.7	<0.7 U	<0.50 U	<1.50

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

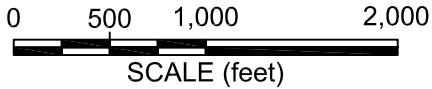
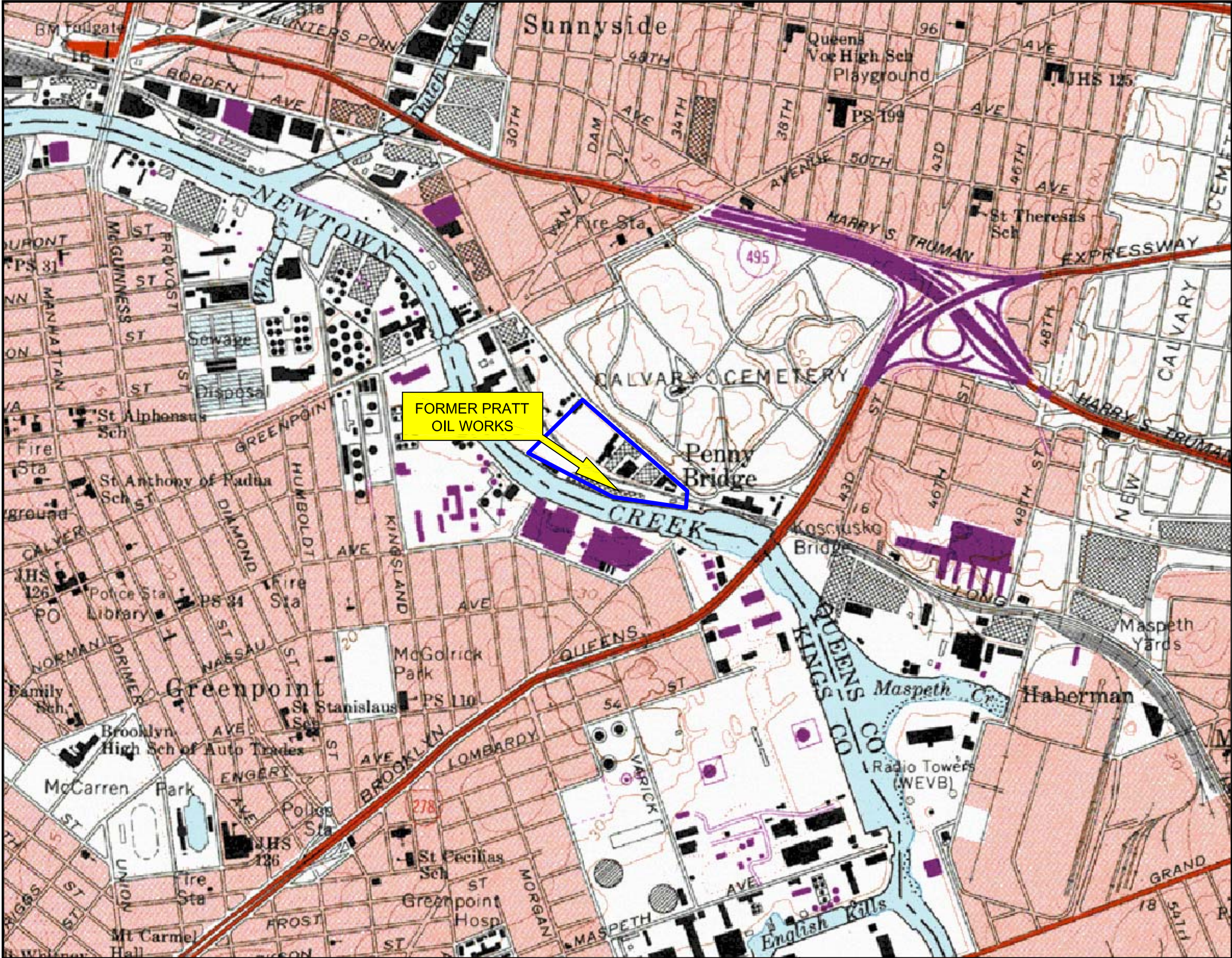
M - Recovery/RPD poor for MS/MSD

Concentrations are reported in milligrams per liter

Environmental Conservation Technical and Operational Guidance Series

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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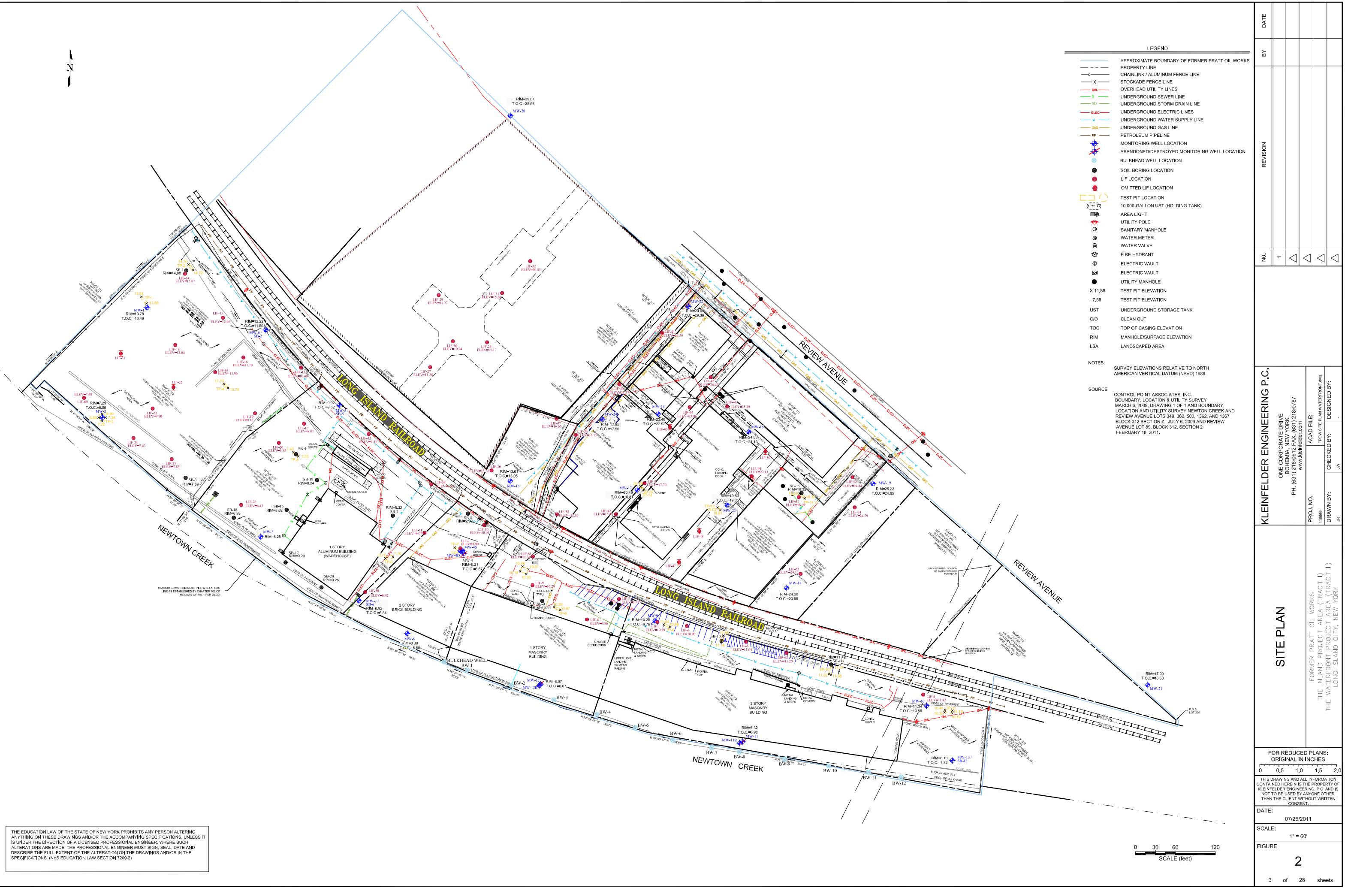
PROJECT NO.	115232
DRAWN:	06/08/2011
DRAWN BY:	JR
CHECKED BY:	JW
FILE NAME:	

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)

LEGEND		NO.	REVISION	BY	DATE
APPROXIMATE BOUNDARY OF FORMER PRATT OIL WORKS		1			
PROPERTY LINE					
CHAINLINK / ALUMINUM FENCE LINE					
STOCKADE FENCE LINE					
OVERHEAD UTILITY LINES					
UNDERGROUND SEWER LINE					
UNDERGROUND STORM DRAIN LINE					
UNDERGROUND ELECTRIC LINES					
UNDERGROUND WATER SUPPLY LINE					
UNDERGROUND GAS LINE					
PETROLEUM PIPELINE					
MONITORING WELL LOCATION					
ABANDONED/DESTROYED MONITORING WELL LOCATION					
BULKHEAD WELL LOCATION					
SOIL BORING LOCATION					
LIF LOCATION					
OMITTED LIF LOCATION					
TEST PIT LOCATION					
10,000-GALLON UST (HOLDING TANK)					
AREA LIGHT					
UTILITY POLE					
SANITARY MANHOLE					
WATER METER					
WATER VALVE					
FIRE HYDRANT					
ELECTRIC VAULT					
ELECTRIC VAULT					
UTILITY MANHOLE					
X 11.88					
- 7.55					
UST					
C/O					
TOC					
RIM					
LSA					
NOTES:					
SURVEY ELEVATIONS RELATIVE TO NORTH AMERICAN VERTICAL DATUM (NAVD) 1988					
SOURCE:					
CONTROL POINT ASSOCIATES, INC. BOUNDARY, LOCATION & UTILITY SURVEY MARCH 6, 2009, DRAWING 1 OF 1 AND BOUNDARY, LOCATION AND UTILITY SURVEY NEWTON CREEK AND REVIEW AVENUE LOTS 349, 362, 500, 1362, AND 1367 BLOCK 312 SECTION 2, JULY 6, 2009 AND REVIEW AVENUE LOT 89, BLOCK 312, SECTION 2 FEBRUARY 18, 2011.					
KLEINFELDER ENGINEERING P.C.		ONE CORPORATE DRIVE BOHEMIA, NEW YORK PH: (631) 218-0612 FAX: (631) 218-0787 www.kleinfelder.com		ACAD FILE: PROW SITE PLAN WATERPORT.JWG	
PROJ. NO. 118869		CHECKED BY: J.W.		DESIGNED BY:	
DRAWN BY: J.R.		SITE PLAN		FORMER PRATT OIL WORKS THE INLAND PROJECT AREA (TRACT I) THE WATERFRONT PROJECT AREA (TRACT II) LONG ISLAND CITY, NEW YORK	
FOR REDUCED PLANS: ORIGINAL IN INCHES		0 0.5 1.0 1.5 2.0		DATE: 07/25/2011	
THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF KLEINFELDER ENGINEERING, P.C. AND IS NOT TO BE USED BY ANYONE OTHER THAN THE CLIENT WITHOUT WRITTEN CONSENT.		SCALE: 1" = 60'		FIGURE 2	
3 of 28 sheets					



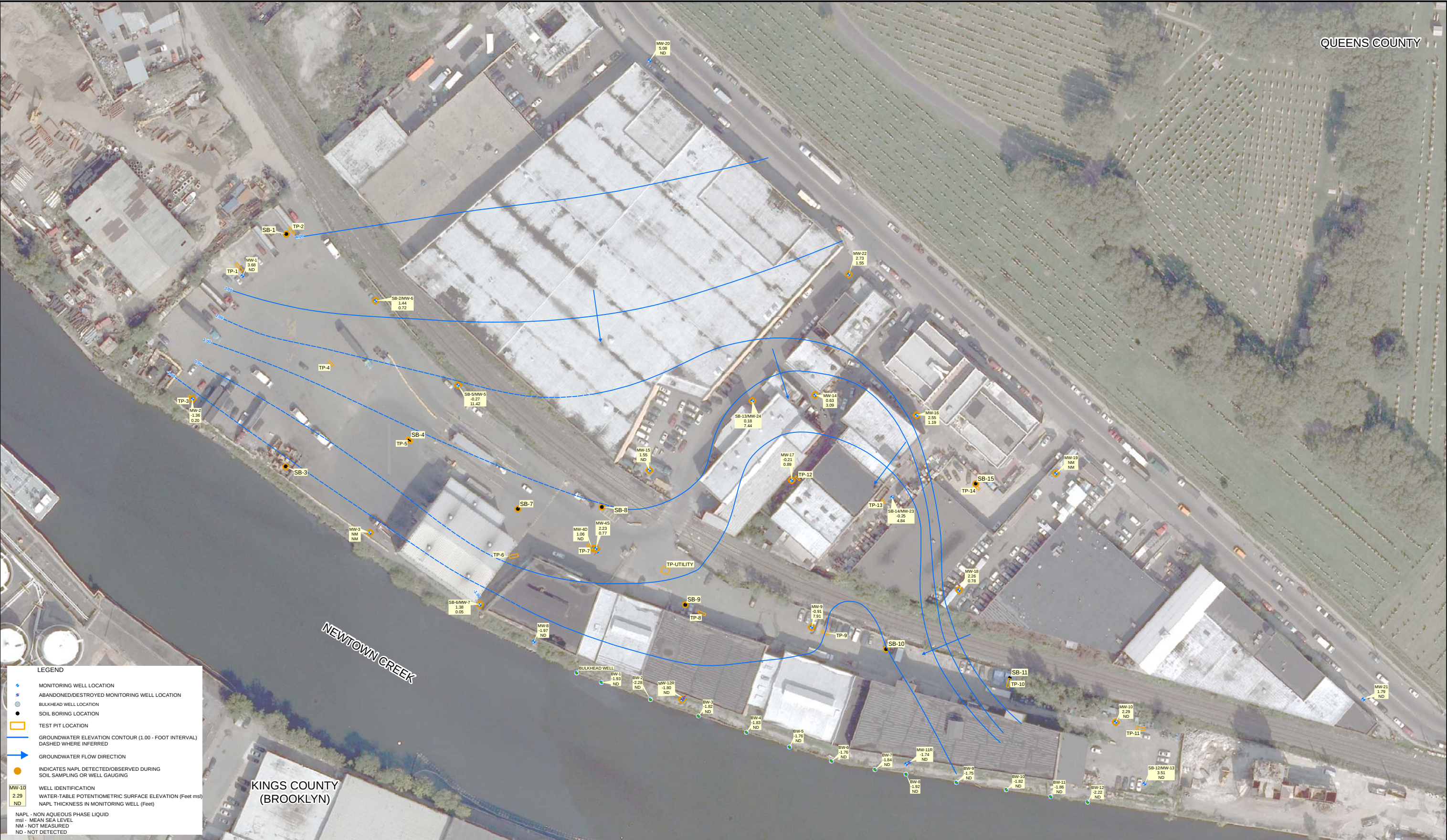
SOURCE: MICROSOFT AERIAL IMAGERY 2006

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0 40 80
Feet
1 inch = 80 feet

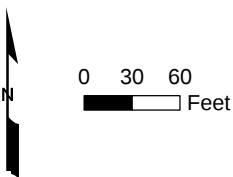


PROJECT NO.	116669	AERIAL PLAN	FIGURE 3
DRAWN:	07/25/11		
DRAWN BY:	J.R.	FORMER PRATT OIL WORKS THE INLAND PROJECT AREA (TRACT I) THE WATERFRONT PROJECT AREA (TRACT II) LONG ISLAND CITY, NEW YORK	
CHECKED BY:	J.W.		
FILE NAME:			



SOURCE: MICROSOFT AERIAL IMAGERY 2006

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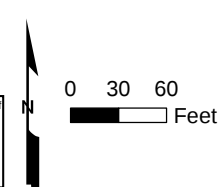
PROJECT NO.	115232
DRAWN:	07/25/2011
DRAWN BY:	J.R.
CHECKED BY:	J.W.
FILE NAME:	

**NAPL DISTRIBUTION AND
GROUNDWATER ELEVATION
CONTOUR MAP**

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

FIGURE
4

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1. J - INDICATES AN ESTIMATED VALUE.
2. FIGURE ILLUSTRATES COMPOUNDS WITH CONCENTRATIONS DETECTED ABOVE GROUNDWATER STANDARDS OR GUIDANCE VALUES. SEE TABLES FOR OTHER COMPOUNDS DETECTED.
3. SAMPLES COLLECTED FROM 1/10/11 TO 1/13/11.
4. BRL - BELOW LABORATORY REPORTING LIMITS.
5. $\mu\text{g/L}$ - MICROGRAMS PER LITER.
6. * - REPORTING LIMITS ABOVE STANDARDS OR GUIDANCE VALUES.

7. MONITORING WELLS MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7, MW-9, MW-14, MW-16, MW-17, MW-18, MW-19, MW-22, MW-23, AND MW-24 WERE NOT SAMPLED DUE TO THE PRESENCE OF LNAPL.

8. LNAPL- LIGHT NON AQUEOUS PHASE LIQUID.



PROJECT NO.	115232
DRAWN:	07/25/2011
DRAWN BY:	J.R.
CHECKED BY:	J.W.
FILE NAME:	

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

5



QUEENS COUNTY

KINGS COUNTY
(BROOKLYN)

NEWTOWN CREEK

Legend

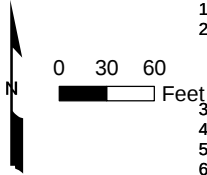
- TEST PIT LOCATION
- MONITORING WELL LOCATION
- ABANDONED/DESTROYED MONITORING WELL LOCATION
- SOIL BORING LOCATION

Well ID	Concentration
Chemical	($\mu\text{g/L}$)

Well ID	MW-12R(2-17)
Chemical	
Benzo(a) anthracene	0.68 J
Chryene	0.54 J

SOURCE: MICROSOFT AERIAL IMAGERY 2006

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- NOTES:
1. J - INDICATES AN ESTIMATED VALUE.
 2. FIGURE ILLUSTRATES COMPOUNDS WITH CONCENTRATIONS DETECTED ABOVE GROUNDWATER STANDARDS OR GUIDANCE VALUES. SEE TABLES FOR OTHER COMPOUNDS DETECTED.
 3. SAMPLES COLLECTED FROM 1/10/11 TO 1/13/11.
 4. BRL - BELOW LABORATORY REPORTING LIMITS.
 5. $\mu\text{g/L}$ - MICROGRAMS PER LITER.
 6. * - REPORTING LIMITS ABOVE STANDARDS OR GUIDANCE VALUES.
 7. MONITORING WELLS MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7, MW-9, MW-14, MW-16, MW-17, MW-18, MW-19, MW-22, MW-23, AND MW-24 WERE NOT SAMPLED DUE TO THE PRESENCE OF LNAPL.
 8. LNAPL- LIGHT NON AQUEOUS PHASE LIQUID.



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PROJECT NO.	115232
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DRAWN BY:	J.R.
CHECKED BY:	J.W.
FILE NAME:	

**DISSOLVED SVOCs
DISTRIBUTION MAP**

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

FIGURE
6

APPENDIX A
Monitoring Well Construction Diagrams



One Corporate Drive, Suite 201
Bohemia, NY 11716
(631) 218-0612

Monitoring Well Construction Diagram

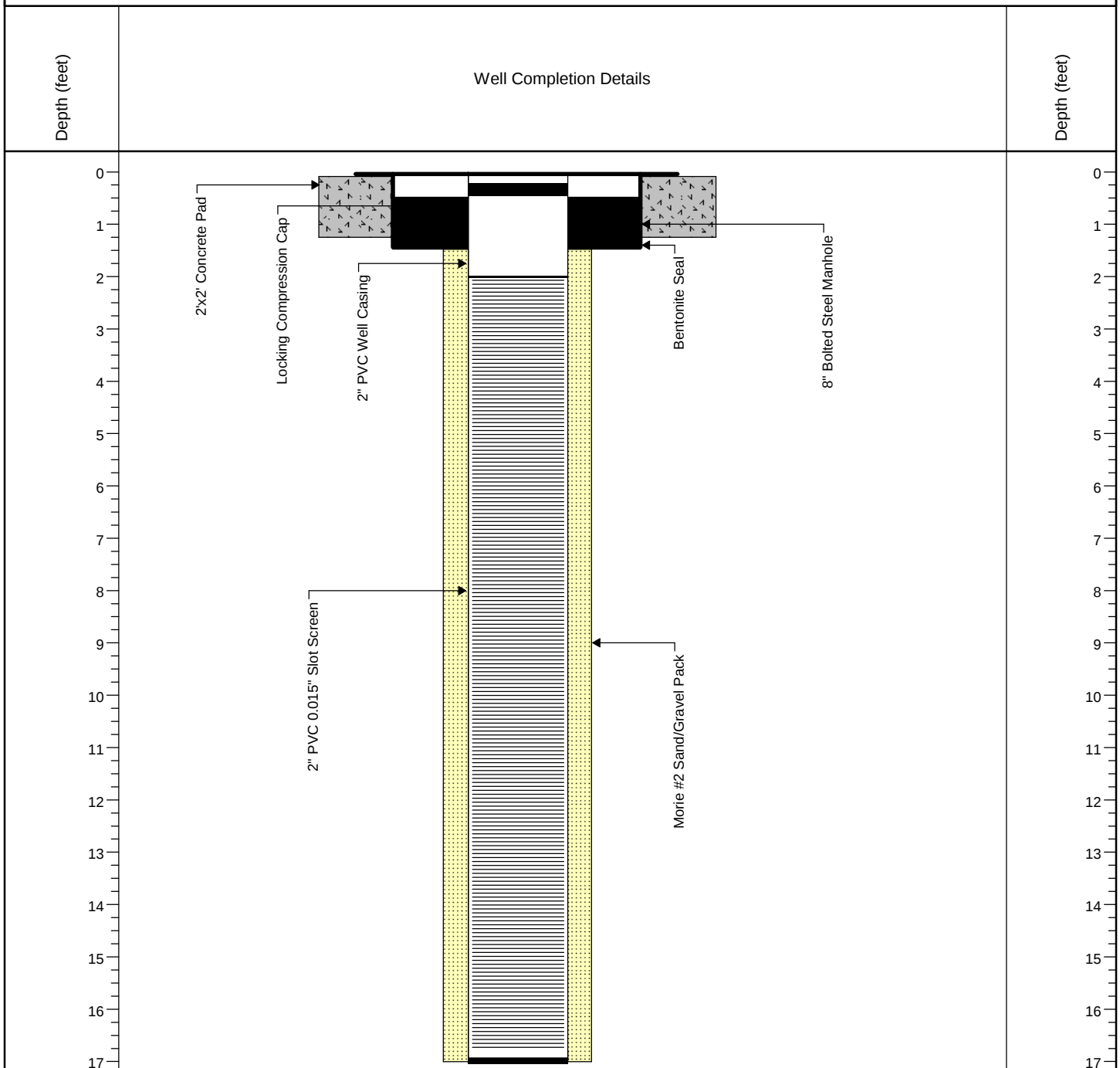
Well No. MW-11R

Project Name: Former Pratt Oil Works
Site Location: 39-14 Review Avenue, Long Island City, New York
Kleinfelder Project No: 116669
Client: ExxonMobil Environmental Services
Start Date: 3/15/2011
End Date: 3/15/2011
Logged By (Geol.): Scott Strom
Checked By: Scott Strom

Drilling Company: Land Air Water Inc.
Driller: Scott Pederson
Drill Rig Type: Geoprobe 7720 DT
Drilling Method: Direct Push
Total Hole Depth: 17 fbg
Depth to Bedrock:
Borehole Diameter: 3 inches
Sampling Method: NA

Surface Elevation: 6.70
Initial Water Level: NA
Notes: Installed to replace former MW-11 which was destroyed during bulkhead construction activities.

WELL COMPLETION DETAILS



BDL - below instrument detection limit
fbg - feet below grade
msl - mean sea level
NA - not applicable
NM - not measured

NR - no soil recovered
NS - not sampled
PID - photoionization detector
ppmv - parts per million by volume
PVC - polyvinyl chloride

Colors approximated using Munsell Color Chart, 2000.
Geologic descriptions based on ASTM D 2488.
* - sample collected for laboratory analysis



One Corporate Drive, Suite 201
Bohemia, NY 11716
(631) 218-0612

Monitoring Well Construction Diagram

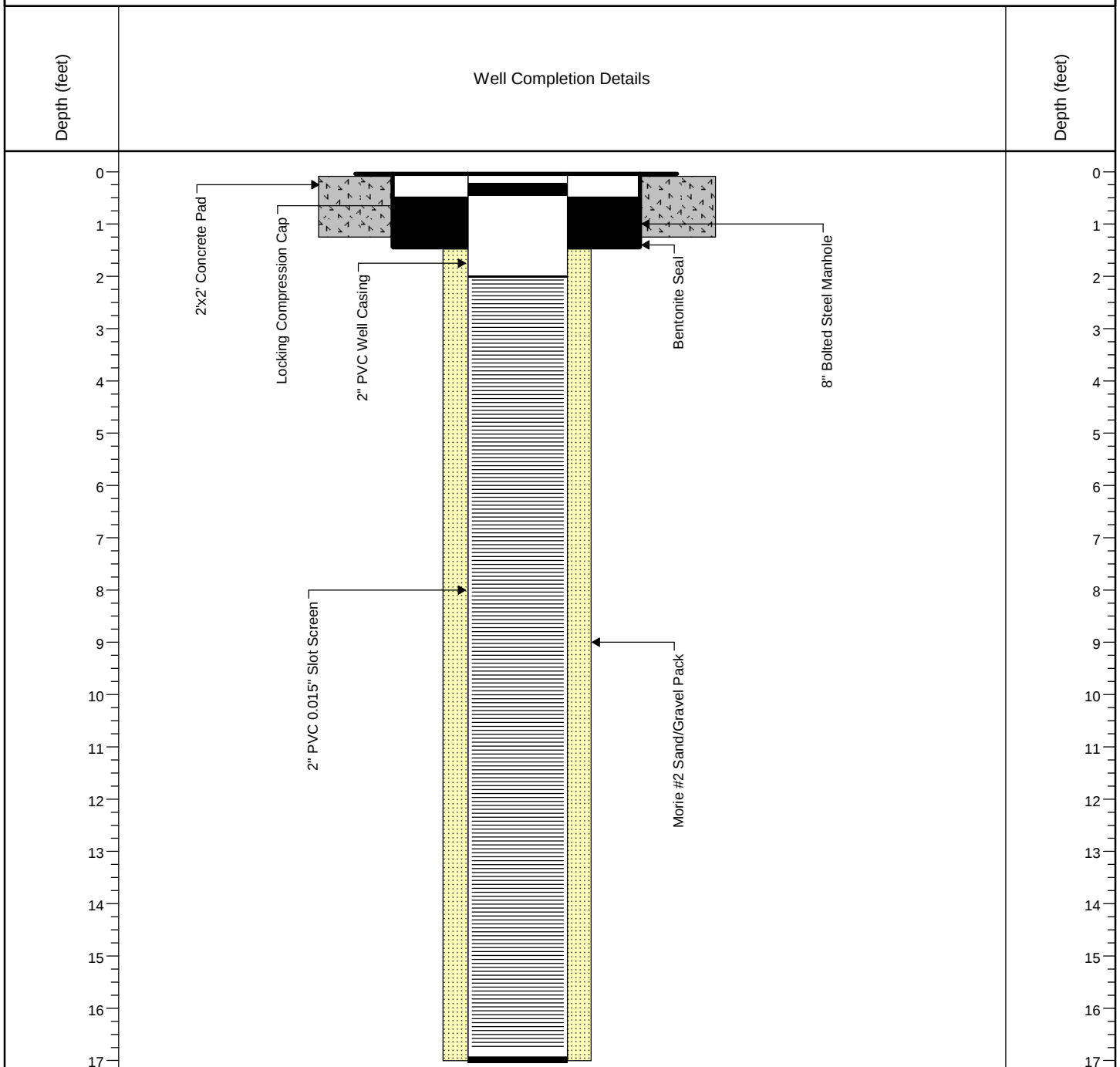
Well No. MW-12R

Project Name: Former Pratt Oil Works
Site Location: 39-14 Review Avenue, Long Island City, New York
Kleinfelder Project No: 116669
Client: ExxonMobil Environmental Services
Start Date: 3/15/2011
End Date: 3/15/2011
Logged By (Geol.): Scott Strom
Checked By: Scott Strom

Drilling Company: Land Air Water Inc.
Driller: Scott Pederson
Drill Rig Type: Geoprobe 7720 DT
Drilling Method: Direct Push
Total Hole Depth: 17 fbg
Depth to Bedrock:
Borehole Diameter: 3 inches
Sampling Method: NA

Surface Elevation: 6.69
Initial Water Level: NA
Notes: Installed to replace former monitoring well MW-12 which was destroyed during bulkhead activities.

WELL COMPLETION DETAILS



BDL - below instrument detection limit
fbg - feet below grade
msl - mean sea level
NA - not applicable
NM - not measured

NR - no soil recovered
NS - not sampled
PID - photoionization detector
ppmv - parts per million by volume
PVC - polyvinyl chloride

Colors approximated using Munsell Color Chart, 2000.
Geologic descriptions based on ASTM D 2488.
* - sample collected for laboratory analysis

APPENDIX B
Disposal Documentation

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

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 WMNH00005357	
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 H. J. ...			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						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
		1. NON DOT REGULATED MATERIAL 100166NY	4	DM	500	500
		2.				
		3.				
		4.				
FILE						
13. Special Handling Instructions and Additional Information 1. 100166NY - PPE, PLASTIC SHEETING, PADS SERVICE REQUEST # ER SERVICE CONTRACTED BY WASTE MANAGEMENT						
14. GENERATOR'S CERTIFICATION: 'I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.' 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 ...			Signature ...		Month 6	Day 22
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name Dale Gorr			Signature ...		Month 06
	Transporter 2 Printed/Typed Name			Signature		Day 22
DESIGNATED FACILITY	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
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name			Signature		Month	Day
					Year	

GENERATOR'S/SHIPPER'S INITIAL COPY

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 WMNH 00005672	
5. Generator's Name and Mailing Address WM OF NY C/O KLEINFELDER ATTN: JOHN WOLF 1 CORPORATE DR. STE 201 BOHEMIA, NY 11716 (718)533-5310			Generator's Site Address (if different than mailing address) WASTE MANAGEMENT OF NEW YORK 38-22 REVIEW AVE. LONG ISLAND CITY, NY 11101			
6. Transporter 1 Company Name HORWITH TRUCKS, INC.			U.S. EPA ID Number PAD146714878			
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 (716)286-1550			U.S. EPA ID Number NYD049836679			
9. Waste Shipping Name and Description 1. NON REGULATED MATERIAL 100142NY			10. Containers No. Type 3 DM		11. Total Quantity Est. 800lbs	
					12. Unit Wt/Vol. P	
13. Special Handling Instructions and Additional Information 1. 100142NY - MONITORING WELL DEVELOPMENT ER SERVICE CONTRACTED BY WASTE MANAGEMENT 81645677						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name x [Signature]			Signature [Signature]		Month Day Year 6 22 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 Dale Gorn Signature Dale Gorn Month Day Year 06 22 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: U.S. EPA ID Number 17b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 17c. Signature of Alternate Facility (or Generator) Month Day Year						
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 Signature Month Day Year Richard La Benda [Signature] 06 27 11						

www.iorcopetroleum.com

GENERATOR/LOCATION		SALES ORDER #	
NAME		NAME	
INFORMATION/ATTENTION LINE		INFORMATION/ATTENTION LINE	
ACCOUNT APPROVAL CODE		ACCOUNT APPROVAL CODE	
DELIVERY ADDRESS		DELIVERY ADDRESS	
CITY	STATE	CITY	STATE
ZIP		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					SALES REPRESENTATIVE	
NO.	TYPE	QTY.	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		

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	48 23	one drum				
40611	NEW 55 GAL DRUMS / 17H		2				
40515	OIL WATER SEPARATOR SERVICE		water				
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

Description	
☐ Other	

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 SHANE DEERY SECRET
Print Name Title
X Shane Deery on behalf of son/daughter
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 SP
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

CUSTOMER

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

815206

GENERATOR/LOCATION				SALES ORDER #		BILL TO (IF DIFFERENT FROM LOCATION)			
NAME		322-1475		NAME		EXXON MOBIL SUMMITTOWN, NY			
INFORMATION/ATTENTION LINE		ACCOUNT APPROVAL CODE		INFORMATION/ATTENTION LINE		ACCOUNT APPROVAL CODE			
DELIVERY ADDRESS				DELIVERY ADDRESS					
CITY		STATE		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							
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	2072	210	GAL			
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						
				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 with the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

X _____ Title _____
Print Name
X _____ Date _____
Signature

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

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 Gere
Print Name
X _____
Signature
Date 2/15/11

LORCO REPRESENTATIVE

STANDARD
COLLECTION
ORDER FORM

850897

GENERATOR/LOCATION		SALES ORDER #		BILL TO (IF DIFFERENT FROM LOCATION)	
NAME	Former Pratt & Whitney Company	NAME	Exxon Environmental Inc		
INFORMATION/ATTENTION LINE	ACCOUNT APPROVAL CODE	INFORMATION/ATTENTION LINE	ACCOUNT APPROVAL CODE		
DELIVERY ADDRESS		DELIVERY ADDRESS			
CITY	STATE	CITY	STATE		
PHONE NUMBER	PURCHASE ORDER NUMBER	PHONE NUMBER	PURCHASE ORDER NUMBER		
TIME IN	TIME OUT	MANIFEST NUMBER			

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		

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			

USED OIL SERVICE INTERVAL _____ DAYS.

GENERATOR/CUSTOMER

TOTAL

X PPM

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 \$

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

X John Henry Print Name

X John Henry 4/4 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

817533

GENERATOR/LOCATION				SALES ORDER #		BILL TO (IF DIFFERENT FROM LOCATION)			
NAME		3227175		NAME		Exxon Mobil		ACCOUNT APPROVAL CODE	
INFORMATION/ATTENTION LINE		ACCOUNT APPROVAL CODE		INFORMATION/ATTENTION LINE		400 Kingsland Ave		ACCOUNT APPROVAL CODE	
DELIVERY ADDRESS		DELIVERY ADDRESS		CITY		STATE		ZIP	
CITY		STATE		CITY		STATE		ZIP	
PHONE NUMBER		PURCHASE ORDER NUMBER		PHONE NUMBER		PURCHASE ORDER NUMBER		MANIFEST NUMBER	
TIME IN		TIME OUT		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	1172	226	GAL			
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						
				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 with the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

☒ Scott S. _____ Title _____
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.

☒ GENERATOR'S SIGNATURE

NON CONDITIONALLY
EXEMPT LARGE
QUANTITY
GENERATOR
CERTIFICATION

DEXSIL CDT
TEST RESULTS

☒ PPM

CUSTOMER

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 1 1/2% 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.

☒ John G. _____ Print Name _____
Signature _____ Date 5/9/11
LORCO REPRESENTATIVE

APPENDIX C
Groundwater Laboratory Analytical Reports



05/14/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4513474233 WBS#08

Accutest Job Number: JA74266

Sampling Dates: 04/26/11 - 04/27/11

Report to:

Kleinfelder

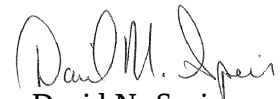
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **54**



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: JA74266

Former Pratt Oil Works, Long Island City, NY

Project No: PO#4513474233 WBS#08

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JA74266-1	04/26/11	10:18 SP	04/27/11	AQ	Ground Water	MW-1(6-18)
JA74266-1D	04/26/11	10:18 SP	04/27/11	AQ	Water Dup/MSD	MSD-1(MW-1)
JA74266-1S	04/26/11	10:18 SP	04/27/11	AQ	Water Matrix Spike	MS-1(MW-1)
JA74266-2	04/26/11	12:09 SP	04/27/11	AQ	Ground Water	MW-4D(13.5-18.5)
JA74266-3	04/26/11	13:04 SP	04/27/11	AQ	Ground Water	MW-8(1-13)
JA74266-4	04/27/11	09:14 SP	04/27/11	AQ	Ground Water	MW-15(5.5-20.5)
JA74266-5	04/26/11	00:00 SP	04/27/11	AQ	Ground Water	DUP-1
JA74266-6	04/26/11	11:12 SP	04/27/11	AQ	Field Blank Water	QCFB-1-0426
JA74266-7	04/27/11	09:14 SP	04/27/11	AQ	Trip Blank Water	QCTB-042611-1

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA74266

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

Report Date 5/14/2011 11:43:17 A

On 04/27/2011, 5 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 1.9 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA74266 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: V2E2885

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74266-1MS, JA74266-1MSD were used as the QC samples indicated.

Matrix: AQ

Batch ID: V2E2888

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74204-7MS, JA74204-7MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP49436

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74266-1MS, JA74266-1MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP58077

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74266-1MS, JA74266-1MSD, JA74266-1SDL 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 Beryllium, Chromium, Copper, Nickel, Silver, Vanadium are outside control limits for sample MP58077-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP58158

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74266-1MS, JA74266-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP58548

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74266-1DUP, JA74266-1MS 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-1(6-18)	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-1	Date Received:	04/27/11
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	2E64356.D	1	04/29/11	MH	n/a	n/a	V2E2885
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	13.9	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	0.78	1.0	ug/l	J
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
110-82-7	Cyclohexane	2.8	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	27.5	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	1.3	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.49	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:	04/26/11
Lab Sample ID:	JA74266-1	Date Received:	04/27/11
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	1.4	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	0.35	1.0	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
75-01-4	Vinyl chloride	1.5	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	112%		77-120%
17060-07-0	1,2-Dichloroethane-D4	112%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	108%		76-118%

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:	04/26/11
Lab Sample ID:	JA74266-1	Date Received:	04/27/11
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	2M35640.D	1	05/03/11	OYA	04/29/11	OP49436	E2M1553
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	0.66	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-1(6-18)	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-1	Date Received:	04/27/11
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%		10-83%
4165-62-2	Phenol-d5	13%		10-74%

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:	04/26/11
Lab Sample ID:	JA74266-1	Date Received:	04/27/11
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	102%		24-148%
4165-60-0	Nitrobenzene-d5	89%		38-129%
321-60-8	2-Fluorobiphenyl	81%		42-117%
1718-51-0	Terphenyl-d14	74%		14-132%

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: JA74266-1

Date Sampled: 04/26/11

Matrix: AQ - Ground Water

Date Received: 04/27/11

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	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Antimony	< 6.0	6.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Arsenic	3.7	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Barium	< 200	200	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Beryllium	< 1.0	1.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cadmium	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Calcium	62700	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Chromium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cobalt	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Copper	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Iron	< 100	100	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Lead	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Magnesium	< 5000	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Manganese	271	15	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Mercury	< 0.20	0.20	ug/l	1	05/11/11	05/11/11 VK	SW846 7470A ⁴	SW846 7470A ⁶
Nickel	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Potassium	< 10000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Selenium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Silver	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Sodium	14900	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Thallium	< 2.0	2.0	ug/l	1	05/07/11	05/08/11 GT	SW846 6010B ²	SW846 3010A ⁵
Vanadium	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 ND	SW846 6010B ³	SW846 3010A ⁵

(1) Instrument QC Batch: MA26322

(2) Instrument QC Batch: MA26326

(3) Instrument QC Batch: MA26342

(4) Instrument QC Batch: MA26354

(5) Prep QC Batch: MP58077

(6) Prep QC Batch: MP58158

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-1(6-18)	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-1	Date Received:	04/27/11
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	05/02/11 14:37	MG	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4D(13.5-18.5)	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-2	Date Received:	04/27/11
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	2E64357.D	1	04/29/11	MH	n/a	n/a	V2E2885
Run #2	2E64358.D	10	04/30/11	MH	n/a	n/a	V2E2885

	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	17.1	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	841 ^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	8.5	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	0.34	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:** JA74266-2**Date Sampled:** 04/26/11**Matrix:** AQ - Ground Water**Date Received:** 04/27/11**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	5.2	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	12.0	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.2	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	1.2	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	0.94	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	112%	111%	77-120%
17060-07-0	1,2-Dichloroethane-D4	112%	113%	70-127%
2037-26-5	Toluene-D8	105%	105%	79-120%
460-00-4	4-Bromofluorobenzene	108%	107%	76-118%

(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:	04/26/11
Lab Sample ID:	JA74266-2	Date Received:	04/27/11
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	R86926.D	1	05/03/11	NAP	04/29/11	OP49436	ER3308
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	0.57	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	0.56	1.0	ug/l	J
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:	04/26/11
Lab Sample ID:	JA74266-2	Date Received:	04/27/11
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	0.86	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	1.1	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	26%		10-83%
4165-62-2	Phenol-d5	18%		10-74%

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:** JA74266-2**Date Sampled:** 04/26/11**Matrix:** AQ - Ground Water**Date Received:** 04/27/11**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.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	70%		24-148%
4165-60-0	Nitrobenzene-d5	86%		38-129%
321-60-8	2-Fluorobiphenyl	79%		42-117%
1718-51-0	Terphenyl-d14	72%		14-132%

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:** JA74266-2**Date Sampled:** 04/26/11**Matrix:** AQ - Ground Water**Date Received:** 04/27/11**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	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Antimony	< 6.0	6.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Arsenic	15.5	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Barium	< 200	200	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Beryllium	< 1.0	1.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cadmium	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Calcium	55500	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Chromium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cobalt	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Copper	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Iron	29400	100	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Lead	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Magnesium	9170	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Manganese	461	15	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Mercury	< 0.20	0.20	ug/l	1	05/11/11	05/11/11 VK	SW846 7470A ⁴	SW846 7470A ⁶
Nickel	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Potassium	14500	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Selenium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Silver	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Sodium	172000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Thallium	< 2.0	2.0	ug/l	1	05/07/11	05/08/11 GT	SW846 6010B ²	SW846 3010A ⁵
Vanadium	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 ND	SW846 6010B ³	SW846 3010A ⁵

(1) Instrument QC Batch: MA26322

(2) Instrument QC Batch: MA26326

(3) Instrument QC Batch: MA26342

(4) Instrument QC Batch: MA26354

(5) Prep QC Batch: MP58077

(6) Prep QC Batch: MP58158

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4D(13.5-18.5)	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-2	Date Received:	04/27/11
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	05/02/11 14:38	MG	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-8(1-13)	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-3	Date Received:	04/27/11
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	2E64359.D	1	04/30/11	MH	n/a	n/a	V2E2885
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	1.5	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:	04/26/11
Lab Sample ID:	JA74266-3	Date Received:	04/27/11
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	114%		77-120%
17060-07-0	1,2-Dichloroethane-D4	116%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	107%		76-118%

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:	04/26/11
Lab Sample ID:	JA74266-3	Date Received:	04/27/11
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	R86927.D	1	05/03/11	NAP	04/29/11	OP49436	ER3308
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-8(1-13)	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-3	Date Received:	04/27/11
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	1.2	2.0	ug/l	J
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	32%		10-83%
4165-62-2	Phenol-d5	20%		10-74%

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:	04/26/11
Lab Sample ID:	JA74266-3	Date Received:	04/27/11
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%		24-148%
4165-60-0	Nitrobenzene-d5	80%		38-129%
321-60-8	2-Fluorobiphenyl	77%		42-117%
1718-51-0	Terphenyl-d14	67%		14-132%

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: JA74266-3

Matrix: AQ - Ground Water

Date Sampled: 04/26/11

Date Received: 04/27/11

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	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Antimony	< 6.0	6.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Arsenic	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Barium	< 200	200	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Beryllium	< 1.0	1.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cadmium	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Calcium	151000	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Chromium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cobalt	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Copper	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Iron	226	100	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Lead	3.1	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Magnesium	420000	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Manganese	64.7	15	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Mercury	< 0.20	0.20	ug/l	1	05/11/11	05/11/11 VK	SW846 7470A ⁴	SW846 7470A ⁶
Nickel	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Potassium	156000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Selenium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Silver	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Sodium	2910000	50000	ug/l	5	05/07/11	05/08/11 GT	SW846 6010B ²	SW846 3010A ⁵
Thallium	< 2.0	2.0	ug/l	1	05/07/11	05/08/11 GT	SW846 6010B ²	SW846 3010A ⁵
Vanadium	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 ND	SW846 6010B ³	SW846 3010A ⁵

(1) Instrument QC Batch: MA26322

(2) Instrument QC Batch: MA26326

(3) Instrument QC Batch: MA26342

(4) Instrument QC Batch: MA26354

(5) Prep QC Batch: MP58077

(6) Prep QC Batch: MP58158

RL = Reporting Limit

Report of Analysis

Page 1 of 1

Client Sample ID: MW-8(1-13)**Lab Sample ID:** JA74266-3**Matrix:** AQ - Ground Water**Date Sampled:** 04/26/11**Date Received:** 04/27/11**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	05/02/11 14:39	MG	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	04/27/11
Lab Sample ID:	JA74266-4	Date Received:	04/27/11
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	2E64360.D	1	04/30/11	MH	n/a	n/a	V2E2885
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	46.0	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)	19.0	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	1.4	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:	04/27/11
Lab Sample ID:	JA74266-4	Date Received:	04/27/11
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	0.38	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	2.4	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	111%		77-120%
17060-07-0	1,2-Dichloroethane-D4	111%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	107%		76-118%

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:	04/27/11
Lab Sample ID:	JA74266-4	Date Received:	04/27/11
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	R86928.D	1	05/03/11	NAP	04/29/11	OP49436	ER3308
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	0.56	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-15(5.5-20.5)	Date Sampled:	04/27/11
Lab Sample ID:	JA74266-4	Date Received:	04/27/11
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	0.83	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	2.5	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	0.90	1.0	ug/l	J
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	28%		10-83%
4165-62-2	Phenol-d5	19%		10-74%

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:	04/27/11
Lab Sample ID:	JA74266-4	Date Received:	04/27/11
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	72%		24-148%
4165-60-0	Nitrobenzene-d5	83%		38-129%
321-60-8	2-Fluorobiphenyl	77%		42-117%
1718-51-0	Terphenyl-d14	74%		14-132%

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)

Lab Sample ID: JA74266-4

Date Sampled: 04/27/11

Matrix: AQ - Ground Water

Date Received: 04/27/11

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	203	200	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Antimony	< 6.0	6.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Arsenic	25.4	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Barium	< 200	200	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Beryllium	< 1.0	1.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cadmium	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Calcium	48500	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Chromium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cobalt	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Copper	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Iron	45100	100	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Lead	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Magnesium	5250	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Manganese	1350	15	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Mercury	< 0.20	0.20	ug/l	1	05/11/11	05/11/11 VK	SW846 7470A ⁴	SW846 7470A ⁶
Nickel	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Potassium	< 10000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Selenium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Silver	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Sodium	47000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Thallium	< 2.0	2.0	ug/l	1	05/07/11	05/08/11 GT	SW846 6010B ²	SW846 3010A ⁵
Vanadium	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 ND	SW846 6010B ³	SW846 3010A ⁵

(1) Instrument QC Batch: MA26322

(2) Instrument QC Batch: MA26326

(3) Instrument QC Batch: MA26342

(4) Instrument QC Batch: MA26354

(5) Prep QC Batch: MP58077

(6) Prep QC Batch: MP58158

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15(5.5-20.5)	Date Sampled:	04/27/11
Lab Sample ID:	JA74266-4	Date Received:	04/27/11
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	05/02/11 14:41	MG	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-5	Date Received:	04/27/11
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	2E64361.D	1	04/30/11	MH	n/a	n/a	V2E2885
Run #2	2E64431.D	10	05/02/11	MH	n/a	n/a	V2E2888

	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	828 ^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	12.8	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	0.35	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:	04/26/11
Lab Sample ID:	JA74266-5	Date Received:	04/27/11
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	5.3	2.0	ug/l	
79-20-9	Methyl Acetate	ND	5.0	ug/l	
108-87-2	Methylcyclohexane	19.1	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.1	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	1.2	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	2.1	1.0	ug/l	
95-47-6	o-Xylene	0.98	1.0	ug/l	J
1330-20-7	Xylene (total)	3.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	113%	105%	70-127%
2037-26-5	Toluene-D8	106%	105%	79-120%
460-00-4	4-Bromofluorobenzene	108%	104%	76-118%

(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	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-5	Date Received:	04/27/11
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	R86929.D	1	05/03/11	NAP	04/29/11	OP49436	ER3308
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:	DUP-1		
Lab Sample ID:	JA74266-5	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/27/11
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	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	2.3	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	20%		10-83%
4165-62-2	Phenol-d5	14%		10-74%

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:	04/26/11
Lab Sample ID:	JA74266-5	Date Received:	04/27/11
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	57%		24-148%
4165-60-0	Nitrobenzene-d5	85%		38-129%
321-60-8	2-Fluorobiphenyl	75%		42-117%
1718-51-0	Terphenyl-d14	74%		14-132%

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: JA74266-5

Date Sampled: 04/26/11

Matrix: AQ - Ground Water

Date Received: 04/27/11

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	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Antimony	< 6.0	6.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Arsenic	14.9	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Barium	< 200	200	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Beryllium	< 1.0	1.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cadmium	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Calcium	51300	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Chromium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cobalt	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Copper	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Iron	27100	100	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Lead	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Magnesium	8490	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Manganese	428	15	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Mercury	< 0.20	0.20	ug/l	1	05/11/11	05/11/11 VK	SW846 7470A ⁴	SW846 7470A ⁶
Nickel	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Potassium	13600	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Selenium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Silver	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Sodium	157000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Thallium	< 2.0	2.0	ug/l	1	05/07/11	05/08/11 GT	SW846 6010B ²	SW846 3010A ⁵
Vanadium	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 ND	SW846 6010B ³	SW846 3010A ⁵

(1) Instrument QC Batch: MA26322

(2) Instrument QC Batch: MA26326

(3) Instrument QC Batch: MA26342

(4) Instrument QC Batch: MA26354

(5) Prep QC Batch: MP58077

(6) Prep QC Batch: MP58158

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-5	Date Received:	04/27/11
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	05/02/11 14:42	MG	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	QCFB-1-0426	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-6	Date Received:	04/27/11
Matrix:	AQ - Field 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	2E64362.D	1	04/30/11	MH	n/a	n/a	V2E2885
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	0.52	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:	QCFB-1-0426	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-6	Date Received:	04/27/11
Matrix:	AQ - Field 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	113%		77-120%
17060-07-0	1,2-Dichloroethane-D4	114%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	108%		76-118%

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:	QCFB-1-0426	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-6	Date Received:	04/27/11
Matrix:	AQ - Field Blank 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	R87029.D	1	05/10/11	LP	04/29/11	OP49436	ER3314
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:	QCFB-1-0426		
Lab Sample ID:	JA74266-6	Date Sampled:	04/26/11
Matrix:	AQ - Field Blank Water	Date Received:	04/27/11
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	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	5.4	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	42%		10-83%
1465-62-2	Phenol-d5	24%		10-74%

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:	QCFB-1-0426	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-6	Date Received:	04/27/11
Matrix:	AQ - Field Blank 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	100%		24-148%
4165-60-0	Nitrobenzene-d5	92%		38-129%
321-60-8	2-Fluorobiphenyl	85%		42-117%
1718-51-0	Terphenyl-d14	85%		14-132%

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: QCFB-1-0426

Lab Sample ID: JA74266-6

Date Sampled: 04/26/11

Matrix: AQ - Field Blank Water

Date Received: 04/27/11

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	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Antimony	< 6.0	6.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Arsenic	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Barium	< 200	200	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Beryllium	< 1.0	1.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cadmium	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Calcium	< 5000	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Chromium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Cobalt	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Copper	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Iron	< 100	100	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Lead	< 3.0	3.0	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Magnesium	< 5000	5000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Manganese	< 15	15	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Mercury	< 0.20	0.20	ug/l	1	05/11/11	05/11/11 VK	SW846 7470A ⁴	SW846 7470A ⁶
Nickel	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Potassium	< 10000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Selenium	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Silver	< 10	10	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Sodium	< 10000	10000	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Thallium	< 2.0	2.0	ug/l	1	05/07/11	05/08/11 GT	SW846 6010B ²	SW846 3010A ⁵
Vanadium	< 50	50	ug/l	1	05/07/11	05/07/11 GT	SW846 6010B ¹	SW846 3010A ⁵
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 ND	SW846 6010B ³	SW846 3010A ⁵

(1) Instrument QC Batch: MA26322

(2) Instrument QC Batch: MA26326

(3) Instrument QC Batch: MA26342

(4) Instrument QC Batch: MA26354

(5) Prep QC Batch: MP58077

(6) Prep QC Batch: MP58158

RL = Reporting Limit

Report of Analysis

Client Sample ID:	QCFB-1-0426	Date Sampled:	04/26/11
Lab Sample ID:	JA74266-6	Date Received:	04/27/11
Matrix:	AQ - Field Blank 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	05/02/11 14:45	MG	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	QCTB-042611-1	Date Sampled:	04/27/11
Lab Sample ID:	JA74266-7	Date Received:	04/27/11
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	2E64363.D	1	04/30/11	MH	n/a	n/a	V2E2885
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:	QCTB-042611-1	Date Sampled:	04/27/11
Lab Sample ID:	JA74266-7	Date Received:	04/27/11
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	114%		77-120%
17060-07-0	1,2-Dichloroethane-D4	115%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	106%		76-118%

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: 732-329-3439/3480
www.accutest.com

FED-EX Tracking #
Accutest Quote #
Bottle Order Control #
Accutest Job # **JA 74266**

Client / Reporting Information		SITE NAME - FPOW		Requested Analysis (see TEST CODE sheet)										Matrix Codes				
Company Name Kleinfelder		Retail Project (MRN) E3.2007 63972		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 (AFE) E3.2007 63972		If Project is Direct Bill to Consultant														
City State Zip Bohemia New York 11783		Project Name Former Pratt Oil Works (Parcel A)		Company Name														
Project Contact John Wolf		City State Long Island City NY		Street Address														
Phone # (631) 218-0612		ExxonMobil Manager Steve Trifiletti		City State Zip														
Sampler(s) Name(s) Shane Perry / Donath Pappas 218-042		ExxonMobil Purchase Order # 4513474233		Attention: PO#														
Accutest Sample #	Field ID / Point of Collection	MEOH / DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles										LAB USE ONLY
								HCl	HOAc	HNO3	H2SO4	H2O2	None	DI Water	MEOH	ENCODE		
- 1	MW-1(6-18)		4/26/11	1018	SP	GW	7	3	1	1	2							X X X
- 2	MW-4D(13.5-18.5)		4/26/11	1209	SP	GW	7	3	1	1	2							X X X
- 3	MW-8(1-13)		4/26/11	1304	SP	GW	7	3	1	1	2							X X X
- 4	MW-15(5.5-20.5)		4/27/11	0914	SP	GW	7	3	1	1	2							X X X
- 5	DUP-1		4/26/11		SP	GW	7	3	1	1	2							X X X
- 6	MS-1(MW-1)		4/26/11	1018	SP	GW	7	3	1	1	2							X X X
- 7	MSD-1(MW-1)		4/26/11	1018	SP	GW	7	3	1	1	2							X X X
- 8	QCFB-1 0426		4/26/11	1112	SP	GW	7	3	1	1	2							X X X
- 9	QCTB-042611-1		4/26/11	0900	TB	2	2											X
Approved By (Accutest PM): / Date: _____ 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: 4/27/11 1115		Received By: Chris Lail		Date/Time: 4/27/11 1750		Relinquished By: Chris Lail		Date/Time: 4/27/11		Received By: Matthew						
Relinquished by Sampler:		Date/Time:		Received By:		Date/Time:		Relinquished By:		Date/Time:		Received By:						
Relinquished by:		Date/Time:		Received By:		Date/Time:		Relinquished By:		Date/Time:		Received By:						
Dust/Seal # _____ Intact ☐ Not Intact ☐ Preserved ☐ Not applicable ☐ On Ice ☒ Cooler Temp. 1.6°, 1.9°																		

JA74266: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA 14266
COC

Lab Name: ACCUTEST Page 1 of 1

Received by (Print Name): M. OTEVA Log-in Date: 4/27/11

Received by (Signature): [Signature]

		CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
Case Number:	N/A	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
SDG Number:		N/A		JA74266 -	1 mislabeled OK
SAS Number:	N/A	N/A			2
REMARKS:		N/A			3
1. Custody Seal(s)	Present/Absent*	N/A			4
	Intact/Broken	N/A			5
2. Custody Seal	N/A	N/A			6
Numbers:		N/A			7
3. Chain-of-Custody	Present/Absent*	N/A			8
Records		N/A			9
4. Contract Lab	Present/Absent*	N/A			10
Sample Inform.		N/A			11
Sheet (CLSIS)		N/A			12
5. Airbill	Airbill/Sticker	N/A			13
	Present/Absent*	N/A			14
6. Airbill No.:		N/A			15
		N/A			16
7. Sample Tags	Present/Absent*	N/A			17
Sample Tag Nos.	Listed/Not Listed on	N/A			18
	Chain-of-Custody	N/A			19
8. Sample Condition	Intact/Broken*/	N/A			20
	Leaking	N/A			21
9. Does Information	COC + LABELS AGREE	N/A			22
on custody rec.,		N/A			23
CLSIS, & sample		N/A			24
tags agree	Yes/No*	N/A			25
10. Date received		N/A			26
at Lab:	4/27/11	N/A			27
11. Time Received:	1750	N/A			28
					29
12. Do aqueous VOC vials					30
have headspace?	Yes/No*				31
					32
3. Are preserved voc					33
oil samples fully im-					34
mersed in preservative?	Yes/No* (N/A)	N/A			35
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					100

JA74266: Chain of Custody
Page 2 of 3

Contract BTR and attach record of resolution
reviewed By: _____
date: _____

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

Form SM10-02

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA74266

Client:
Immediate Client Services Action Required: No

Date / Time Received: 4/27/2011

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



05/19/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4513474233 WBS#08

Accutest Job Number: JA74531

Sampling Dates: 04/27/11 - 04/28/11

Report to:

Kleinfelder

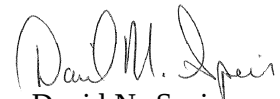
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **38**



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: JA74531

Former Pratt Oil Works, Long Island City, NY

Project No: PO#4513474233 WBS#08

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA74531-1	04/28/11	09:45 SP	04/29/11	AQ	Ground Water	MW-10(3-13)
JA74531-2	04/27/11	13:25 SP	04/29/11	AQ	Ground Water	MW-11R(2-17)
JA74531-3	04/27/11	12:16 SP	04/29/11	AQ	Ground Water	MW-12R(2-17)
JA74531-4	04/27/11	11:07 SP	04/29/11	AQ	Ground Water	MW-13(1-8)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder**Job No** JA74531**Site:** Former Pratt Oil Works, Long Island City, NY**Report Date** 5/19/2011 6:42:42 PM

On 04/29/2011, 4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA74531 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:** VE7830

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74652-13MS, JA74652-13MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ**Batch ID:** OP49488

- All samples were extracted within the recommended method holding time.
- Sample(s) JA74605-1MS, JA74605-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP49488-MSD for 2-Fluorophenol: Outside of in house control limits, but within reasonable method recovery limits.

Metals By Method SW846 6010B

Matrix: AQ**Batch ID:** MP58120

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74533-1MS, JA74533-1MSD, JA74533-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Chromium, Nickel, Selenium, Vanadium, Zinc are outside control limits for sample MP58120-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: AQ**Batch ID:** MP58178

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74531-1MS, JA74531-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT**Matrix:** AQ**Batch ID:** GP58600

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74430-11DUP, JA74430-11MS were used as the QC samples for Cyanide.
- Matrix Spike Recovery(s) for Cyanide are outside control limits. Spike recovery indicates possible matrix interference.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP58600-D1. RPD acceptable due to low duplicate and sample concentrations.

Matrix: AQ**Batch ID:** GP58702

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74765-3DUP, JA74765-3MS 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:	04/28/11
Lab Sample ID:	JA74531-1	Date Received:	04/29/11
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	E177722.D	1	05/11/11	OTR	n/a	n/a	VE7830
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:	04/28/11
Lab Sample ID:	JA74531-1	Date Received:	04/29/11
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	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

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Report of Analysis

Page 1 of 3

Client Sample ID:	MW-10(3-13)	Date Sampled:	04/28/11
Lab Sample ID:	JA74531-1	Date Received:	04/29/11
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	F96459.D	1	05/05/11	NAP	05/03/11	OP49488	EF4502
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

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Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	04/28/11
Lab Sample ID:	JA74531-1	Date Received:	04/29/11
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	46%		10-83%
4165-62-2	Phenol-d5	38%		10-74%

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:	04/28/11
Lab Sample ID:	JA74531-1	Date Received:	04/29/11
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	104%		24-148%
4165-60-0	Nitrobenzene-d5	99%		38-129%
321-60-8	2-Fluorobiphenyl	91%		42-117%
1718-51-0	Terphenyl-d14	85%		14-132%

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: JA74531-1

Date Sampled: 04/28/11

Matrix: AQ - Ground Water

Date Received: 04/29/11

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	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Arsenic	10.6	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Barium	217	200	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Calcium	162000	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Iron	10200	100	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Lead	3.2	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Magnesium	16800	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Manganese	786	15	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	05/12/11	05/12/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Potassium	< 10000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Sodium	63000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Thallium	< 2.0	2.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA26343

(2) Instrument QC Batch: MA26359

(3) Prep QC Batch: MP58120

(4) Prep QC Batch: MP58178

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-10(3-13)	Date Sampled:	04/28/11
Lab Sample ID:	JA74531-1	Date Received:	04/29/11
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	05/11/11 13:18	JA	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-11R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-2	Date Received:	04/29/11
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	E177723.D	1	05/11/11	OTR	n/a	n/a	VE7830
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-11R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-2	Date Received:	04/29/11
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	103%		77-120%
17060-07-0	1,2-Dichloroethane-D4	101%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

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-11R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-2	Date Received:	04/29/11
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	F96480.D	1	05/06/11	NAP	05/03/11	OP49488	EF4503
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-11R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-2	Date Received:	04/29/11
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	48%		10-83%
4165-62-2	Phenol-d5	37%		10-74%

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-11R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-2	Date Received:	04/29/11
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	101%		24-148%
4165-60-0	Nitrobenzene-d5	95%		38-129%
321-60-8	2-Fluorobiphenyl	85%		42-117%
1718-51-0	Terphenyl-d14	80%		14-132%

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-11R(2-17)

Lab Sample ID: JA74531-2

Date Sampled: 04/27/11

Matrix: AQ - Ground Water

Date Received: 04/29/11

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	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Arsenic	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Barium	< 200	200	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Beryllium	< 1.0	1.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Calcium	181000	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Iron	857	100	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Lead	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Magnesium	386000	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Manganese	374	15	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	05/12/11	05/12/11 VK	SW846 7470A ³	SW846 7470A ⁵
Nickel	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Potassium	151000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Selenium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Sodium	3600000	50000	ug/l	5	05/10/11	05/12/11 MET	SW846 6010B ²	SW846 3010A ⁴
Thallium	< 2.0	2.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Vanadium	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴

(1) Instrument QC Batch: MA26343

(2) Instrument QC Batch: MA26351

(3) Instrument QC Batch: MA26359

(4) Prep QC Batch: MP58120

(5) Prep QC Batch: MP58178

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-11R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-2	Date Received:	04/29/11
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	05/04/11 12:27	VA	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-12R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-3	Date Received:	04/29/11
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	E177724.D	1	05/11/11	OTR	n/a	n/a	VE7830
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-12R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-3	Date Received:	04/29/11
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	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	107%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

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-12R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-3	Date Received:	04/29/11
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	F96481.D	1	05/06/11	NAP	05/03/11	OP49488	EF4503
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	0.68	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-12R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-3	Date Received:	04/29/11
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	0.54	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	0.50	1.0	ug/l	J
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	38%		10-83%
4165-62-2	Phenol-d5	30%		10-74%

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-12R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-3	Date Received:	04/29/11
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%		24-148%
4165-60-0	Nitrobenzene-d5	96%		38-129%
321-60-8	2-Fluorobiphenyl	91%		42-117%
1718-51-0	Terphenyl-d14	84%		14-132%

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-12R(2-17)

Lab Sample ID: JA74531-3

Date Sampled: 04/27/11

Matrix: AQ - Ground Water

Date Received: 04/29/11

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	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Arsenic	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Barium	< 200	200	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Beryllium	< 1.0	1.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Calcium	155000	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Chromium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Copper	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Iron	1130	100	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Lead	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Magnesium	403000	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Manganese	160	15	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	05/12/11	05/12/11 VK	SW846 7470A ³	SW846 7470A ⁵
Nickel	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Potassium	163000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Selenium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Sodium	3590000	50000	ug/l	5	05/10/11	05/12/11 MET	SW846 6010B ²	SW846 3010A ⁴
Thallium	< 2.0	2.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Vanadium	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴
Zinc	22.2	20	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ⁴

(1) Instrument QC Batch: MA26343

(2) Instrument QC Batch: MA26351

(3) Instrument QC Batch: MA26359

(4) Prep QC Batch: MP58120

(5) Prep QC Batch: MP58178

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-12R(2-17)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-3	Date Received:	04/29/11
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	05/04/11 12:28	VA	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-4	Date Received:	04/29/11
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	E177725.D	1	05/11/11	OTR	n/a	n/a	VE7830
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	6.7	10	ug/l	J
71-43-2	Benzene	2.7	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	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:	04/27/11
Lab Sample ID:	JA74531-4	Date Received:	04/29/11
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	0.48	1.0	ug/l	J
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	0.48	1.0	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		77-120%
17060-07-0	1,2-Dichloroethane-D4	101%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	103%		76-118%

ND = Not detected

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	MW-13(1-8)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-4	Date Received:	04/29/11
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	F96482.D	1	05/06/11	NAP	05/03/11	OP49488	EF4503
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	0.46	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-13(1-8)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-4	Date Received:	04/29/11
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	0.47	1.0	ug/l	J
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	0.42	1.0	ug/l	J
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	40%		10-83%
4165-62-2	Phenol-d5	34%		10-74%

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:	04/27/11
Lab Sample ID:	JA74531-4	Date Received:	04/29/11
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	104%		24-148%
4165-60-0	Nitrobenzene-d5	98%		38-129%
321-60-8	2-Fluorobiphenyl	90%		42-117%
1718-51-0	Terphenyl-d14	75%		14-132%

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: JA74531-4

Date Sampled: 04/27/11

Matrix: AQ - Ground Water

Date Received: 04/29/11

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	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Arsenic	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Barium	260	200	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Calcium	221000	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Iron	5730	100	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Lead	32.8	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Magnesium	22900	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Manganese	415	15	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	05/12/11	05/12/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Potassium	34600	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Sodium	215000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Thallium	< 2.0	2.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Zinc	152	20	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA26343

(2) Instrument QC Batch: MA26359

(3) Prep QC Batch: MP58120

(4) Prep QC Batch: MP58178

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-13(1-8)	Date Sampled:	04/27/11
Lab Sample ID:	JA74531-4	Date Received:	04/29/11
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	05/04/11 12:29	VA	EPA 335.4/LACHAT

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



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 # JA74531
Requested Analysis (see TEST CODE sheet)	
Matrix Codes	
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	
LAB USE ONLY	

Client / Reporting Information		SITE NAME - FPOW	
Company Name Kleinfelder		Retail Project (MNR)	
Street Address One Corporate Drive, Suite 201		Major Project (AFEI) E3 2007 63972	
City Bohemia		Project Name Former Pratt Oil Works (Parcel B)	
State New York		City Long Island City	
Zip 11763		State NY	
Project Contact John Wolf		Company Name ExxonMobil Manager	
E-mail jwolf@kleinfelder.com		City Long Island City	
Phone # (631) 218-0612		State NY	
Fax # (631) 218-0612		Zip 11077	
Sample(s) Name(s) S# AME PEEKY		ExxonMobil Purchase Order # 4513474233	
Phone # 631-218-0612		Attention: PC#	
Field ID / Point of Collection		Collection	
MEOH/ DI Vial #		Date 4/28/11	
Time 0945		Sampled by SP	
Matrix GW		# of bottles 7	
HCl		3	
NaOH		1	
HNO3		1	
H2SO4		2	
NONE		2	
DIWAH		2	
MEOH		2	
BNCORE		2	
VIB60TCL11 (EPA SW846 B200 TCL VOCs)		X	
ABR20TCL11 (EPA SW846 B200B TCL Base Neutral and Acid Extractables)		X	
TAL METALS + CN (EPA SW846 010/7470/71/7841, 9C10) (EPA SW846 9012)		X	
Distilled TAL METALS + CN (EPA SW846 010/7470/71/7841, 9010) (EPA SW846 9012) (Fused Silica)		X	
LAB USE ONLY		EX9	
LAB USE ONLY		AMET 13	
LAB USE ONLY		WIC 36	
LAB USE ONLY		814	
Data Deliverable Information		Comments / Special Instructions	
Approved By (Accutest PM): / Date:		NYASP Category B on CD only (not paper)	
☒ 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	
Emergency & Rush TIA data available VIA Lablink		Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data	
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished by Sampler: 1. <i>Shane</i>	Date Time: 4/28/11 1420	Received By: 1. <i>Chris Lant</i>	Date Time: 4/29/11 1620
Relinquished by Sampler: 3.	Date Time:	Received By: 3.	Date Time:
Relinquished by: 5.	Date Time:	Received By: 5.	Date Time:
Custody Seal #	☐ Intact ☐ Not Intact	Preserved Where Applicable	On Ice ☒ Cooler Temp: 4.8, 5.2°C

JA74531: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA74531
COC

Lab Name: ACCUTEST Page 6 of 6

Received by (Print Name): M. ARENA Log-in Date: 4/23/11

Received by (Signature): [Signature]

		CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
Case Number:	N/A	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
SDG Number:		N/A		JA74531-1	OK
SAS Number:	N/A	N/A		-2	
		N/A		-3	
		N/A		-4	
REMARKS:		N/A			
1. Custody Seal(s)	Present/Absent* Intact/Broken	N/A			
2. Custody Seal Numbers:	N/A	N/A			
3. Chain-of-Custody Records	Present/Absent*	N/A			
4. Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* N/A	N/A			
5. Airbill	Airbill/Sticker N/A Present/Absent*	N/A			
6. Airbill No.:	N/A	N/A			
7. Sample Tags	Present/Absent* N/A	N/A			
Sample Tag Nos.	Listed/Not Listed on Chain-of-Custody N/A	N/A			
8. Sample Condition	Intact/Broken*/ Leaking	N/A			
9. Does Information on custody rec., CLSIS, & sample tags agree	COC + LABELS AGREE Yes/No* (Yes)	N/A			
10. Date received at Lab:	4/23/11	N/A			
1. Time Received:	1620	N/A			
2. Do aqueous VOC vials have headspace?	Yes/No* (No)				
3. Are preserved voc oil samples fully im- mersed in preservative?	Yes/No* (N/A)	N/A			
Sample Transfer					
Action:	See Internal				
ea #:	Chain of Custody				

JA74531: Chain of Custody

Page 2 of 3

Contract BTR and attach record of resolution

Reviewed By: _____

Date: _____

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10-02

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA74531

Client:

Immediate Client Services Action Required: No

Date / Time Received: 4/29/2011

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

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA74531: Chain of Custody

Page 3 of 3



05/19/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4513474233 WBS#08

Accutest Job Number: JA74532

Sampling Date: 04/28/11

Report to:

Kleinfelder

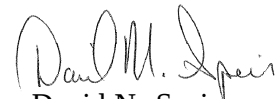
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **17**



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: JA74532

Former Pratt Oil Works, Long Island City, NY
Project No: PO#4513474233 WBS#08

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA74532-1	04/28/11	12:15 SP	04/29/11	AQ	Ground Water	MW-20(9.5-29.5)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder**Job No** JA74532**Site:** Former Pratt Oil Works, Long Island City, NY**Report Date** 5/19/2011 6:45:19 PM

On 04/29/2011, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA74532 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:** VE7830

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74652-13MS, JA74652-13MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ**Batch ID:** OP49488

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74605-1MS, JA74605-1MSD were used as the QC samples indicated.
- OP49488-MSD for 2-Fluorophenol: Outside of in house control limits, but within reasonable method recovery limits.

Metals By Method SW846 6010B

Matrix: AQ**Batch ID:** MP58120

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74533-1MS, JA74533-1MSD, JA74533-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Chromium, Nickel, Selenium, Vanadium, Zinc are outside control limits for sample MP58120-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: AQ**Batch ID:** MP58178

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74531-1MS, JA74531-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP58702

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74765-3DUP, JA74765-3MS 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:	04/28/11
Lab Sample ID:	JA74532-1	Date Received:	04/29/11
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	E177721.D	1	05/11/11	OTR	n/a	n/a	VE7830
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:	04/28/11
Lab Sample ID:	JA74532-1	Date Received:	04/29/11
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	101%		77-120%
17060-07-0	1,2-Dichloroethane-D4	98%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

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:	04/28/11
Lab Sample ID:	JA74532-1	Date Received:	04/29/11
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	F96484.D	1	05/06/11	NAP	05/03/11	OP49488	EF4503
Run #2							

Run #	Initial Volume	Final Volume
Run #1	900 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	5.6	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	ug/l	
95-48-7	2-Methylphenol	ND	2.2	ug/l	
	3&4-Methylphenol	ND	2.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	ug/l	
100-02-7	4-Nitrophenol	ND	11	ug/l	
87-86-5	Pentachlorophenol	ND	11	ug/l	
108-95-2	Phenol	ND	2.2	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.6	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	ug/l	
83-32-9	Acenaphthene	ND	1.1	ug/l	
208-96-8	Acenaphthylene	ND	1.1	ug/l	
98-86-2	Acetophenone	ND	2.2	ug/l	
120-12-7	Anthracene	ND	1.1	ug/l	
1912-24-9	Atrazine	ND	5.6	ug/l	
100-52-7	Benzaldehyde	ND	5.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.2	ug/l	
106-47-8	4-Chloroaniline	ND	5.6	ug/l	
86-74-8	Carbazole	ND	1.1	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:	04/28/11
Lab Sample ID:	JA74532-1	Date Received:	04/29/11
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	2.2	ug/l	
218-01-9	Chrysene	ND	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	5.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	ug/l	
132-64-9	Dibenzofuran	ND	5.6	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	ug/l	
206-44-0	Fluoranthene	ND	1.1	ug/l	
86-73-7	Fluorene	ND	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	ug/l	
67-72-1	Hexachloroethane	ND	2.2	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	ug/l	
78-59-1	Isophorone	ND	2.2	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	5.6	ug/l	
99-09-2	3-Nitroaniline	ND	5.6	ug/l	
100-01-6	4-Nitroaniline	ND	5.6	ug/l	
91-20-3	Naphthalene	ND	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	ug/l	
85-01-8	Phenanthrene	ND	1.1	ug/l	
129-00-0	Pyrene	ND	1.1	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		10-83%
4165-62-2	Phenol-d5	37%		10-74%

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:	04/28/11
Lab Sample ID:	JA74532-1	Date Received:	04/29/11
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	104%		24-148%
4165-60-0	Nitrobenzene-d5	92%		38-129%
321-60-8	2-Fluorobiphenyl	87%		42-117%
1718-51-0	Terphenyl-d14	81%		14-132%

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:** JA74532-1**Date Sampled:** 04/28/11**Matrix:** AQ - Ground Water**Date Received:** 04/29/11**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	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Arsenic	3.2	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Barium	204	200	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Calcium	164000	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Iron	7850	100	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Magnesium	45400	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Manganese	6100	15	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	05/12/11	05/12/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	31.1	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Potassium	< 10000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Sodium	256000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Thallium	< 2.0	2.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Zinc	20.1	20	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA26343

(2) Instrument QC Batch: MA26359

(3) Prep QC Batch: MP58120

(4) Prep QC Batch: MP58178

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-20(9.5-29.5)	Date Sampled:	04/28/11
Lab Sample ID:	JA74532-1	Date Received:	04/29/11
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	05/11/11 13:19	JA	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.acctest.com

[illegible]

JA74532: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA74532 cc

Lab Name: ACCUTEST Page 4 of 4

Received by (Print Name): M. HENNA Log-in Date: 4/23/11

Received by (Signature): M. Henna

		CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
Case Number:	N/A	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
SDG Number:	N/A	N/A		JA74532-1	OK
SAS Number:	N/A	N/A			
REMARKS:		N/A			
1. Custody Seal(s)	Present/Absent* Intact/Broken	N/A			
2. Custody Seal Numbers:	N/A	N/A			
3. Chain-of-Custody Records	Present/Absent*	N/A			
4. Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* N/A	N/A			
5. Airbill	Airbill/Sticker Present/Absent*	N/A			
6. Airbill No.:	N/A	N/A			
7. Sample Tags	Present/Absent* Listed/Not Listed on Chain-of-Custody	N/A			
8. Sample Condition	Intact/Broken* Leaking	N/A			
9. Does Information on custody rec., CLSIS, & sample tags agree	COC + LABELS AGREE Yes/No*	N/A			
10. Date received at Lab:	4/23/11	N/A			
1. Time Received:	1620	N/A			
2. Do aqueous VOC vials have headspace?	Yes/No*	N/A			
3. Are preserved voc oil samples fully im- mersed in preservative?	Yes/No* N/A	N/A			
Sample Transfer					
action:					
ea #:					
Chain of Custody					

JA74532: Chain of Custody

Page 2 of 3

Contract BTR and attach record of resolution

viewed By: _____

re: _____

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10-02

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA74532

Client:

Immediate Client Services Action Required: No

Date / Time Received: 4/29/2011

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

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



05/19/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4513474233 WBS#08

Accutest Job Number: JA74533

Sampling Date: 04/28/11

Report to:

Kleinfelder

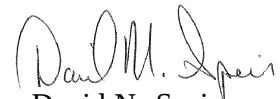
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **17**



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: JA74533

Former Pratt Oil Works, Long Island City, NY
Project No: PO#4513474233 WBS#08

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA74533-1	04/28/11	10:55 SP	04/29/11	AQ	Ground Water	MW-21(10.5-25.5)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder**Job No** JA74533**Site:** Former Pratt Oil Works, Long Island City, NY**Report Date** 5/19/2011 5:35:00 PM

On 04/29/2011, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA74533 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:** VE7830

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74652-13MS, JA74652-13MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ**Batch ID:** OP49488

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74605-1MS, JA74605-1MSD were used as the QC samples indicated.
- OP49488-MSD for 2-Fluorophenol: Outside of in house control limits, but within reasonable method recovery limits.

Metals By Method SW846 6010B

Matrix: AQ**Batch ID:** MP58120

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74533-1MS, JA74533-1MSD, JA74533-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Chromium, Nickel, Selenium, Vanadium, Zinc are outside control limits for sample MP58120-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: AQ**Batch ID:** MP58178

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74531-1MS, JA74531-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP58702

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74765-3DUP, JA74765-3MS 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-21(10.5-25.5)	Date Sampled:	04/28/11
Lab Sample ID:	JA74533-1	Date Received:	04/29/11
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	E177726.D	1	05/11/11	OTR	n/a	n/a	VE7830
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	0.47	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:	04/28/11
Lab Sample ID:	JA74533-1	Date Received:	04/29/11
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	6.2	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	4.1	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	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	101%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

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:	04/28/11
Lab Sample ID:	JA74533-1	Date Received:	04/29/11
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	F96485.D	1	05/06/11	NAP	05/03/11	OP49488	EF4503
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-21(10.5-25.5)	Date Sampled:	04/28/11
Lab Sample ID:	JA74533-1	Date Received:	04/29/11
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	39%		10-83%
4165-62-2	Phenol-d5	28%		10-74%

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:	04/28/11
Lab Sample ID:	JA74533-1	Date Received:	04/29/11
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	95%		24-148%
4165-60-0	Nitrobenzene-d5	97%		38-129%
321-60-8	2-Fluorobiphenyl	88%		42-117%
1718-51-0	Terphenyl-d14	90%		14-132%

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:** JA74533-1**Date Sampled:** 04/28/11**Matrix:** AQ - Ground Water**Date Received:** 04/29/11**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	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Arsenic	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Barium	< 200	200	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Calcium	94500	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Chromium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Cobalt	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Copper	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Iron	142	100	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Magnesium	31800	5000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Manganese	< 15	15	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	05/12/11	05/12/11 VK	SW846 7470A ²	SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Potassium	< 10000	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Selenium	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Silver	< 10	10	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Sodium	65300	10000	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Thallium	< 2.0	2.0	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Vanadium	< 50	50	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³
Zinc	< 20	20	ug/l	1	05/10/11	05/11/11 GT	SW846 6010B ¹	SW846 3010A ³

(1) Instrument QC Batch: MA26343

(2) Instrument QC Batch: MA26359

(3) Prep QC Batch: MP58120

(4) Prep QC Batch: MP58178

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-21(10.5-25.5)	Date Sampled:	04/28/11
Lab Sample ID:	JA74533-1	Date Received:	04/29/11
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	05/11/11 13:20	JA	EPA 335.4/LACHAT

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



Sample Log-In Summary

JA74533

COC

Lab Name: ACCUTEST Page 1 of 1

Received by (Print Name): M. ARENA Log-in Date: 4/27/11

Received by (Signature): [Signature]

		CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
Case Number:	N/A	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
SDG Number:		N/A		JA74533 - 1	012
SAS Number:	N/A	N/A			
REMARKS:		N/A			
1. Custody Seal(s)	Present/Absent* Intact/Broken	N/A			
2. Custody Seal Numbers:	N/A	N/A			
3. Chain-of-Custody Records	Present/Absent*	N/A			
4. Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* <u>N/A</u>	N/A			
5. Airbill	Airbill/Sticker <u>N/A</u> Present/Absent*	N/A			
6. Airbill No.:	<u>N/A</u>	N/A			
7. Sample Tags	Present/Absent* <u>N/A</u>	N/A			
Sample Tag Nos.	Listed/Not Listed on Chain-of-Custody <u>N/A</u>	N/A			
8. Sample Condition	Intact/Broken*/ Leaking	N/A			
9. Does Information on custody rec., CLSIS, & sample tags agree	COC + LABELS AGREE Yes/No* <u>Yes</u>	N/A			
10. Date received at Lab:	<u>4/27/11</u>	N/A			
1. Time Received:	<u>1620</u>	N/A			
2. Do aqueous VOC vials have headspace?	Yes/No* <u>No</u>				
3. Are preserved voc oil samples fully immersed in preservative?	Yes/No* <u>N/A</u>	N/A			
Sample Transfer					
Action:	<u>See Internal</u>				
ea #:	<u>Chain of Custody</u>				

JA74533: Chain of Custody

Page 2 of 3

Contract BTR and attach record of resolution

Reviewed By: _____

Date: _____

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10-02

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA74533

Client:

Immediate Client Services Action Required: No

Date / Time Received: 4/29/2011

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

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



05/17/11

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4513474233 WBS#08

Accutest Job Number: JA74534

Sampling Date: 04/28/11

Report to:

Kleinfelder

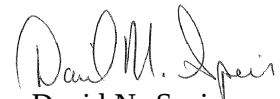
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **11**



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: JA74534

Former Pratt Oil Works, Long Island City, NY
Project No: PO#4513474233 WBS#08

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA74534-1	04/28/11	09:00 SP	04/29/11	AQ	Trip Blank Water	QCTB-1042811



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA74534

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

Report Date 5/17/2011 11:13:21 A

On 04/29/2011, 0 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA74534 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: VE7830

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA74652-13MS, JA74652-13MSD were used as the QC samples indicated.

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:	QCTB-1042811	Date Sampled:	04/28/11
Lab Sample ID:	JA74534-1	Date Received:	04/29/11
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	E177727.D	1	05/11/11	OTR	n/a	n/a	VE7830
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:	QCTB-1042811	Date Sampled:	04/28/11
Lab Sample ID:	JA74534-1	Date Received:	04/29/11
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	103%		77-120%
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	107%		79-120%
460-00-4	4-Bromofluorobenzene	106%		76-118%

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



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 # JA74534
Requested Analysis (see TEST CODE sheet)	
Matrix Codes	
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	
LAB USE ONLY	
812	

Client / Reporting Information		SITE NAME - Provide MRN for Retail or AFE for Major Projects	
Company Name Kleinfelder		Retail Project (MRN) ExxonMobil Environmental Services Co.	
Street Address One Corporate Drive, Suite 201		Major Project (AFE) E3.2007.63972	
City State Zip Bohemia New York 11763		Project Name Former Pratt Oil Works	
Project Contact John Wolf		City State Long Island City NY	
Phone # (631) 218-0612		ExxonMobil Manager Steve Trifiletti	
Samples Name(s) Steve Trifiletti		ExxonMobil Purchase Order # 4513474233	
Phone # (631) 218-0787		Attention: PC#	
Turnaround Time (Business days)		Data Deliverable Information	
Approved By (Accutest PM): / Date:		Comments / Special Instructions	
☒ Std. 10 Business Days ☐ 8 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY		NYASP Category B on CD only (not paper) Trip includes VOC samples from the following wells: MW 10, MW 11R, MW 12R, MW 13, MW 20, 4/29/11	
Emergency & Rush T/A data available VIA Lablink		Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data	
Relinquished by Sampler: 1. Steve Wolf		Received By: 1. Chris Law	
Relinquished by Sampler: 3. 2011 COC GW Trip		Received By: 3. Chris Law	
Relinquished by: 5.		Received By: 5.	
Date/Time: 4/28/11 1423		Date/Time: 4/29/11 1620	
Custody Seal #		Preserved where applicable	
☐ Intact ☐ Not intact		☐ On Ice ☐ Cooler Temp. 5.2°C	

JA74534: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA74534.
COC

Lab Name: ACCUTEST Page 1 of 1

Received by (Print Name): M. CATENA Log-in Date: 4/27/11

Received by (Signature): [Signature]

		CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
Case Number:	N/A	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
SDG Number:		N/A		JA74534-	1
SAS Number:	N/A				
REMARKS:					
1. Custody Seal(s)	Present/Absent* Intact/Broken	N/A			
2. Custody Seal Numbers:	N/A	N/A			
3. Chain-of-Custody Records	Present/Absent*	N/A			
4. Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* <u>NA</u>	N/A			
5. Airbill	Airbill/Sticker <u>NA</u> Present/Absent*	N/A			
6. Airbill No.:	<u>NA</u>	N/A			
7. Sample Tags	Present/Absent* <u>NA</u>	N/A			
Sample Tag Nos.	Listed/Not Listed on Chain-of-Custody <u>NA</u>	N/A			
8. Sample Condition	Intact/Broken* Leaking	N/A			
9. Does Information on custody rec., CLSIS, & sample tags agree	COC + LABELS AGREE Yes/No* <u>NA</u>	N/A			
10. Date received at Lab:	<u>4/27/11</u>	N/A			
11. Time Received:	<u>1620</u>	N/A			
12. Do aqueous VOC vials have headspace?	Yes/No* <u>NA</u>				
13. Are preserved voc soil samples fully im- mersed in preservative?	Yes/No* <u>NA</u>	N/A			
Sample Transfer					
Location:	<u>See Internal</u>				
Area #:					
By:					
On:	<u>Chain of Custody</u>				

Contract BTR and attach record of resolution

Reviewed By: _____

Date: _____

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10-02

JA74534: Chain of Custody

Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA74534

Client:
Immediate Client Services Action Required: No

Date / Time Received: 4/29/2011

Delivery Method:
Client Service Action Required at Login: No

Project:
No. Coolers: 1

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