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Steve Trifiletti
Project Manager

May 14, 2010

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
Former Pratt Oil Works
Queens, New York

Dear Mr. Davidson:

Exxon Mobil Corporation ("ExxonMobil") is submitting for your review and comment the enclosed Site Status Update Report for the subject site for the period of November 2009 through January 2010. Three hard copies and an electronic copy are provided per Section VIII of the Consent Order (D2-1002-12-07AM) executed between ExxonMobil and NYSDEC. This report has been prepared on behalf of ExxonMobil by Kleinfelder of Bohemia, New York.

Please do not hesitate to contact me at (718) 383-7374 if you have any questions.

Very truly yours,

A handwritten signature in black ink, appearing to read "John E. Trifiletti" or similar, written over a horizontal line.

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

May 14, 2010

Mr. Steve P. Trifiletti
ExxonMobil Environmental Services Company
Global Remediation - Major Projects
400 Kingsland Avenue
Brooklyn, New York 11222

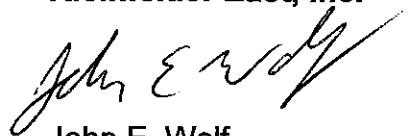
Re: Site Status Update Report
Former Pratt Oil Works
The Inland Parcels (Tract I)
The Waterfront Parcels (Tract II)
Long Island City, New York 11101
NYSDEC Case No. 07-07418 (Parcel A)
NYSDEC Case No. 08-13060 (Parcel B)
NYSDEC Case No. 08-13060 (Parcel C)
NYSDEC Case No. 09-04539 (Parcel D)
NYSDEC Case 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:

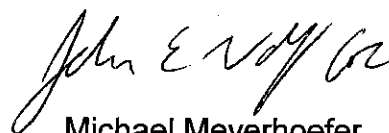
Enclosed please find a Site Status Update Report (SSUR) prepared by Kleinfelder East, Inc. (Kleinfelder) on behalf of ExxonMobil Environmental Services Company (ExxonMobil) for the Inland and Waterfront Parcels listed above, which compose Tract I and II (further referred to as the Inland and Waterfront Project Areas, respectively) of the Former Pratt Oil Works (FPOW), further referred to as the Project Area. This SSUR documents the methods and results of a quarterly groundwater sampling event and interim remedial measures (IRM) conducted at the Project Area for the period of November 2009 to January 2010.

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



Michael Meyerhoefer
Field Supervisor

Enclosure

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SITE STATUS UPDATE REPORT

November 2009 through January 2010

Former Pratt Oil Works

The Inland Parcels (Tract I)

The Waterfront Parcels (Tract II)

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

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

Parcel C - 38-70 Review Avenue

Parcel D - 38-84 Railroad Avenue

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

Parcel F - 38-98 Review Avenue

Parcel G - 38-78 Review Avenue

Parcel H - 39-30 Review Avenue

Parcel I - 38-20 Review Avenue

Parcel J - 37-88 Review Avenue

Parcel K 38-60 Review Avenue

Long Island City, New York

NYSDEC Case No. 07-07418 (Parcel A)

NYSDEC Case No. 08-13060 (Parcel B)

NYSDEC Case No. 08-13060 (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

May 14, 2010

Prepared by:

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Prepared for:

**ExxonMobil Environmental
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400 Kingsland Avenue
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SITE STATUS UPDATE REPORT

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

ENGINEERING CERTIFICATION

This report 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.

5/14/10

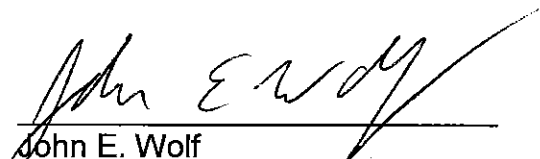
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SITE STATUS UPDATE REPORT

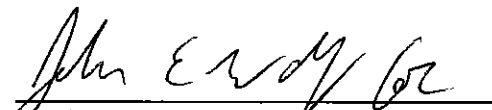
Former Pratt Oil Works
The Inland Parcels (Tract I)
The Waterfront Parcels (Tract II)
Long Island City, New York

QUALITY ASSURANCE/QUALITY CONTROL

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


John E. Wolf
Project Manager

5/14/10
Date


Michael Meyerhoefer
Field Supervisor

5/14/10
Date


Daniel Canavan
Project Hydrogeologist

5/14/10
Date


Scott E. Strom
Environmental Scientist

5/14/10
Date

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LIST OF ACRONYMS AND ABBREVIATIONS

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
DTP	-	depth to product
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 AND ABBREVIATIONS

NAPL	-	non-aqueous phase liquid
NTU	-	Nephelometric Turbidity Units
NYSDEC	-	New York State Department of Conservation
ORP	-	oxidation reduction potential
PCBs	-	polychlorinated biphenyls
PID	-	photoionization detector
PPE	-	personal protective equipment
ppm _v	-	parts per million by volume
ppth	-	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
WLM	-	water level meter
WMC	-	Waste Management Corporation
WQS	-	water quality standards

1.0 INTRODUCTION

ExxonMobil Environmental Services Company (ExxonMobil) on behalf of ExxonMobil Oil Corporation contracted Kleinfelder East, Inc. (Kleinfelder) to conduct monitoring and sampling of the Inland (Inland Project Area) and Waterfront Parcels (Waterfront Project Area) which compose Tract I and II, respectively of the Former Pratt Oil Works (FPOW) located in Long Island City, New York, herein identified as the Project Area. The purpose of the monitoring and sampling event was in an effort to monitor hydraulic characteristics (flow and gradient) and groundwater quality beneath the Project Area for the period of November 2009 to January 2010. Monitoring and sampling of 23 monitoring points was conducted between January 20 to 26, 2010. This *Site Status Update Report* (SSUR) documents the methods and results of the quarterly groundwater sampling event conducted and interim remedial measures (IRM).

Monitoring and sampling and IRM activities are on-going and are being conducted in accordance with a Corrective Action Plan (CAP) included in Consent Order Case No. D2-1002-12-07AM which was executed between ExxonMobil Oil Corporation and the New York State Department of Environmental Conservation (NYSDEC) on July 15, 2008.

ExxonMobil voluntarily petitioned the NYSDEC to perform an investigation of the current environmental conditions at several individual parcels which formerly comprised the Project Area. By way of the Consent Order, subject to a reservation of rights, ExxonMobil voluntarily agreed to perform a site characterization of the Project Area, despite several decades of industrial and petroleum-related operations unrelated to ExxonMobil, that both pre- and post-dated ExxonMobil's predecessor's discrete presence in the Project Area (Parsons, 2008).

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

Inland Project Area

Parcel	Address	Current owner
Parcel A	38-40 Railroad Avenue	Waste Management of New York
Parcel C	38-70 Review Avenue	Keane Realty LLC
Parcel D	38-84 Railroad Avenue	A&L Cesspool Ser./Co.
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 Avenue 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	Steel Equities

2.0 SITE DESCRIPTION

The following subsections discuss the Project Area description; historic and current property uses; and geology.

2.1 SITE DESCRIPTION

The Project Area is 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). Topography in the vicinity of the Project Area slopes to the southwest towards Newtown Creek. The topography of the Project Area is illustrated on the Locus Plan provided on Figure 1.

The FPOW property encompassed approximately 18.51 acres located adjacent to Newtown Creek. The Project Area has since been subdivided into 16-lots of Block 312. The Project Area is divided by the Long Island Rail Road (LIRR) train tracks. Properties

north of the LIRR are the Inland Parcels (Tract I) (Inland Project Area) and south are the Waterfront Parcels (Tract II) (Waterfront Project Area). Each tract is further subdivided into parcels (Parcels A through I) based on property ownership. Therefore, each parcel may have more than one address based on property ownership. Pertinent site features including, but not limited to, block and lot, parcel IDs, property boundaries, LIRR, current buildings and structure layouts and monitoring well locations are illustrated on Figures 2 and 3.

The Project Area is bound to the south-southwest by Newtown Creek. Newtown Creek is a 3.8 mile long creek oriented along the northern Brooklyn-Queens County border and connects to the East River to the northwest. Newtown Creek is an estuarine water body that flows to the East River with a semi-diurnal tidal cycle varying from approximately 5 and 7 ft and it has been dredged to approximately 16 ft below mean low water. Surface water runoff on the Project Area generally follows surficial topography to the south-southwest toward Newtown Creek.

There are currently 25 monitoring wells on-site (MW-1 through MW-3, MW-4S, MW-4D and MW-5 through MW-24). There are 14 monitoring wells (MW-1 through MW-3, MW-4S, MW-4D and MW-5 through MW-13) on the Waterfront Project Area and 11 monitoring wells (MW-14 through MW-24) on the Inland Project Area. In general, the groundwater monitoring well screens span the water table, with exception of monitoring wells MW-4D, MW-5, and MW-6. Monitoring well MW-4D is screened beneath an approximate 2-foot organic peat layer beneath the potentiometric surface. Monitoring wells MW-5 and MW-6 are screened beneath a silty clay semi-confining layer beneath the potentiometric surface.

2.2 Current Property Use

The parcels are zoned M3-1 industrial use classification which is the heaviest industrial use classification for New York City. Below is a description of current property use per parcel:

- Parcel A (Waterfront) operates as a New York City Department of Sanitation (DSNY) waste transfer station owned by Waste Management Corporation (WMC).
- Parcel A (Inlands) is owned by WMC and used for parking by A&L Recycling.
- Parcel B is owned by Apollo Steel and leased by several business owners for warehouse and/or office space.
- Parcel C is owned by Keane Realty LLC and used for vehicle storage associated with V.I.P. Towing Inc.
- Parcel D is owned by A&L Cesspool Services Company and currently operates as A&L Recycling which specializes in restaurant oil and grease recovery and recycling, as well as cesspool services (<http://aandlrecycling.com>).
- Parcel E is owned by HP Sherman Co. Inc. and operates as William E. Williams Valve Corporation which designs and manufactures valves for industrial and commercial applications (<http://www.williamsvalve.com>).
- Parcel F is owned by DG Properties LLC and operates as J&S Supply Corporation, a wholesale distributor of residential and commercial building insulation, insulation-foam boards, insulation accessories, sheets and board products, roofing materials, coatings and adhesives (www.jandssupply.com).
- Parcel G is owned by Werwaiss Realty Company and operates as United Refrigeration Inc., a commercial refrigeration supply distributor (www.uri.com).
- Parcel H operates as American Cleaning Solutions, a division of American Wax Co. who manufactures and sells cleaning and maintenance products (<http://www.cleaning-solutions.com>).
- Parcel I is owned by Review Associates and includes a warehouse building partially occupied by Lenoble Lumber on the east side. Lenoble Lumber is a retail lumber and building supply distribution facility (www.lenoblelumber.com). On the west side of the warehouse is National Van Equipment Company Inc., a manufacturer of furniture pads and moving equipment (www.nationalvanequip.com).
- Parcel J is owned by Up from the Ashes, Inc. and occupied by Phoenix Beverage Inc. a wholesale beverage distributor.

- Parcel K is owned by Renari Realty LLC.

2.3 Site Geology

The Project Area geology observed in samples collected is generally heterogeneous, consisting of deposits of sands, silt, peat, gravel, cobbles, and urban fill material. Bedrock was not encountered during the previous investigation. Urban fill was observed in samples throughout the Waterfront Project Area and the southern portion of the Inland Project Area (MW-15 and MW-18) to depths ranging from 1 to 18 ft below grade (fbg). A greater thickness of fill material associated with foundations, brick, and concrete debris was observed on Waterfront Parcel A. The fill contains layers of material consisting of coal ash that extends through the northern portion of Waterfront Parcel A and Parcel B and onto the central portion of the Inland Project Area. The coal ash ranges in thickness from 2 to 8 ft. Discontinuous coal ash material is also present on the southern portions of the Waterfront Project Area.

The deposits observed in soil samples beneath the Inland Project Area are predominantly composed of sand of unknown thickness, observed to the maximum depth of investigation (25 to 37 fbg). Fill material is absent from the northeastern portion of the Project Area. Sporadic lenses of silt, gravel and cobble were observed in borings on the Inland Project Area.

Heterogeneity of the subsurface deposits observed in samples increases from the center of the Inland Project Area towards Newtown Creek. A silt layer approximately 2 to 5 ft thick is present in the central portion of the Inland Project Area extending to the southwestern portion of the Waterfront Project Area. The silt layer appears to dip towards the southwest, with its highest observed elevation at approximately 10 feet above mean sea level (ft-msl) in the center of the Inlands Project Area and the lowest observed elevation approximately 18 ft-msl along Newtown Creek. The silt is present throughout samples collected from the western portions of the Waterfront Project Area.

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. The peat/organic silt deposit is underlain by the aforementioned silt layer. A sand deposit of unknown thickness underlies the silt layer. On the northern portion of Waterfront Parcel B, where the peat/organic silt and silt are not present, the sand deposit is located immediately beneath the fill material. This is consistent with conditions on the eastern Inland Project Area. Lenses of silt and gravel are present sporadically throughout the northern portion of the Project Area.

3.0 METHODS

The following subsections describe the methods of the quarterly activities performed at the Project Area from November 2009 to January 2010.

3.1 Equipment Decontamination

The following procedures were followed to decontaminate equipment used during the IRM and groundwater monitoring and sampling activities:

- Groundwater sampling equipment including, but not limited to, water level meters (WLM), electronic interface probes (EIP), flow through cells 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 a transfer pump or 5-gallon buckets to 55-gallon drums. The drums were stored and managed as described in Section 4.0, pending characterization and disposal.

3.2 Interim Remedial Measures

Light non-aqueous phase liquid (LNAPL) that was characterized and approved for recycling by a recycling facility was recovered using passive bailers and/or gauge and bail (G&B) events from monitoring wells MW-4S, MW-5, and MW-9. LNAPL recovery was conducted on an approximately weekly basis since December 29, 2009. Prior to LNAPL recovery, the depth to product (DTP) and depth to groundwater (DTW), and depth to bottom (DTB) were measured within the monitoring wells, without passive bailers, using an EIP.

Monitoring wells MW-2, MW-5, MW-7, and MW-9 have Durham Geo Slope Indicator Model TR-25410 (4-inch diameter) high viscosity passive skimmers and monitoring well MW-12 has a Durham Geo Slope Indicator Model TR-252 (2-inch diameter) passive skimmer for LNAPL recovery. The passive skimmers use a 30-inch (TR-25410) or 36-inch (TR-252) floating intake for the recovery of LNAPL. The LNAPL gravity drains through coiled tubing to a product recovery canister. The clear PVC collection canister uses a quick connect fitting to attach it to the skimmer and provides venting through the skimmer support hollow rod. The bottom of the canister incorporates a petcock for draining.

LNAPL was recovered from monitoring well MW-4 using G&B. Additional LNAPL was recovered from monitoring wells MW-5 and MW-9 using G&B once the passive bailer canisters were removed and drained. During G&B events, a 3" diameter by 2-foot long disposable bailer was lowered into the well. Upon removal LNAPL was drained temporarily into a 5-gallon bucket and then transferred to grounded and vented United States Department of Transportation (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 were additionally stored in separate NYSDOT approved, 55-gallon steel drums, pending disposal.

3.3 Groundwater Gauging and Sampling

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

3.3.1 Groundwater Gauging

The groundwater monitoring well network (MW-1 through MW-24) was gauged on January 22, 2010 during a neap tide low slack water. Gauging during neap tide low slack water was preferred to minimize tidal fluctuations on 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 DTP, DTW, and DTB in each monitoring well (with the exception of MW-13 and MW-5) was measured using a decontaminated EIP prior to groundwater sampling. Monitoring well MW-13 was inaccessible because of bulkhead construction activities and MW-5 was not gauged due to the installation of a passive bailer.

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

3.3.2 Groundwater Sampling

Groundwater samples were collected from monitoring wells without detections of LNAPL including MW-1, MW-4D, MW-8, MW-10, MW-11, MW-15, MW-18, MW-20, and MW-21 from January 20 to 26, 2010. The DTW and DTB measurements were used to calculate purge volumes for each monitoring well. Approximately three to five well volumes (with the exception of MW-15 and MW-20) were purged from each monitoring well using a low flow groundwater sampling

technique. Groundwater samples from monitoring wells MW-15 and MW-20 were sampled prior to the purging of three well volumes due to insufficient recharge. 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 approximately 0.5 liters per minute to minimize groundwater drawdown no greater than 0.33 ft during pumping. The following water quality parameters were recorded every three to five minutes on a low-flow groundwater sampling record to monitor groundwater stabilization:

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

Groundwater samples were collected after a minimum of three well volumes (if sufficient recharge) of water were purged and stabilization of groundwater quality parameters was observed. Stabilization was achieved after three consecutive readings within 0.1 pH, 3% conductivity, 10 mV for ORP, and 10% for turbidity and DO. Groundwater samples were collected into appropriate laboratory-supplied bottleware. If the turbidity of a groundwater sample was 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 55-gallon steel drums pending characterization and disposal. In addition, PPE, tubing and other disposable groundwater sampling materials were containerized in separate 55-gallon steel drums, pending disposal.

3.3.3 Groundwater Sample Analysis

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

- Target Compound List (TCL) volatile organic compounds (VOCs) in accordance with USEPA Method 8260B;
- TCL semivolatile organic compounds (SVOCs) in accordance with USEPA Method 8270C;
- Target Analyte List (TAL) metals including cyanide in accordance with USEPA Methods 6010B, 7470A and 335.4;
- Pesticides in accordance with USEPA Methods 8081;
- Polychlorinated biphenyls (PCBs) in accordance with USEPA Methods 8082; and
- Formaldehyde in accordance with USEPA Methods 8315 (MW-20 and MW-21 only).

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

4.0 WASTE MANAGEMENT

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

IDW were characterized as non-hazardous. One drum of water generated from Parcel A and the drum of PPE/plastic was transported and disposed of by WMC and transported to its facility CWM Chemical Services L.L.C. located at 1550 Balmer Road in Model City, New York on March 3, 2010. The IDW drum from the remaining parcels was transported and disposed of by LORCO Petroleum Services Inc (LORCO) of Elizabeth, New Jersey on March 23, 2010. LNAPL was removed from temporary 55-gallon NAPL storage drums via vacuum truck conducted by LORCO on December 21, 2009 and February 15, 2010. Copies of the drum waste disposal documentation are provided as Appendix A.

5.0 FINDINGS AND RESULTS

The following subsections describe the findings and results of the monitoring and sampling event.

5.1 Site Hydrogeology

Groundwater is present beneath the Project Area in perched, 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 water table is present beneath the Project Area at depths ranging from approximately 3.5 fbg along the southern portion of the Project Area (MW-13) to approximately 28.5 fbg in the northernmost portions of the Project Area (MW-22).

On January 22, 2010, a synoptic round of liquid level gauging was conducted on the monitoring well network, with the exception of monitoring wells MW-13 and MW-5. Monitoring well gauging data is summarized on Table 2 and a NAPL Distribution and Groundwater Elevation Contour map is provided as Figure 4. Groundwater flow direction at the water table during the neap tide on January 22, 2010 was towards Newtown Creek. The corrected groundwater elevation ranged from -1.82 ft below msl in MW-2 to 6.64 ft above msl in MW-20. The average water table gradient between the northern and southern boundaries of the Project Area was calculated to be approximately 0.01 feet per foot (ft/ft).

5.2 LNAPL Distribution and Recovery

LNAPL was detected during the groundwater gauging event on January 22, 2010 in monitoring wells MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7, MW-9, MW-12, MW-14, MW-16, MW-17, MW-19, MW-22, MW-23, and MW-24. LNAPL thickness ranged from 0.01 ft in MW-12 to 8.78 ft in MW-6. Monitoring wells MW-5 and MW-6 are screened beneath a semi-confining layer and LNAPL thickness may not be indicative of actual levels across the water-table interface. Higher hydraulic head pressure associated with depth of LNAPL below the semi-confining layer may create a preferential pathway for LNAPL to enter the well. Furthermore, LNAPL thicknesses measured in monitoring wells may not be indicative of actual levels in the subsurface as discussed in American Society for Testing and Materials (ASTM) E 2531-06, *Standard Guide for Development of Conceptual Site Models and Remediation Strategies for Light Nonaqueous-Phase Liquids Released to the Subsurface* and USEPA, *How to Effectively Recover Free Product at Leaking Underground Storage Tank Sites*, September 1996. A summary of LNAPL thicknesses observed in monitoring wells during groundwater gauging is provided in Table 2.

Approximately 214 gallons of LNAPL were recovered from monitoring wells MW-4S, MW-5, and MW-9 as of January 28, 2010. Table 3 summarizes the LNAPL recovery.

5.3 Groundwater Analytical Data

The following subsections summarize the groundwater sample field parameters and laboratory analytical results. Groundwater samples were not collected from monitoring wells MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7, MW-9, MW-12, MW-14, MW-16, MW-17, MW-19, MW-22, MW-23, and MW-24 due to LNAPL detections. Monitoring well MW-13 was inaccessible and, therefore, not sampled. Groundwater sample laboratory analytical results are summarized in Tables 4 through 10 and compared to NYSDEC Water Quality Standards (WQS) as published in the Division of Water *Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values Memorandum* dated June 1998 (Addendum June 2000). Laboratory analytical reports and chain-of-custody documentation are provided in Appendix B.

5.3.1 Field Parameters

The following summarizes the results of the field parameters measured in groundwater in the monitoring wells sampled using a flow through cell prior to groundwater sampling:

- Ground water pH ranged from 6.42 in monitoring well MW-11 to 7.04 in monitoring well MW-8.
- Groundwater temperatures ranged from 7.15°C in monitoring well MW-8 to 15.92°C in monitoring well MW-4D.
- Groundwater conductivity ranged from 0.58 mS/cm in monitoring well MW-1 to 35.20 mS/cm in monitoring well MW-8.
- Groundwater ORP ranged from -295 mV in monitoring well MW-1 to 92 mV in monitoring well MW-21.

- Groundwater DO ranged from 0.50 mg/L in monitoring wells MW-20 to 4.04 mg/L in monitoring well MW-21.
- Groundwater turbidity ranged from 3.2 NTU in monitoring well MW-11 to 148 NTU in monitoring well MW-8.
- Groundwater salinity ranged from 0.03 ppt in monitoring well MW-1 to 2.14 ppt in monitoring well MW-8.

The field parameters are summarized on Table 2.

5.3.2 Volatile Organic Compounds

Laboratory analysis reported the following TCL VOCs above groundwater standards and/or guidance values in samples collected:

- Benzene was detected in MW-1 (27.2 micrograms per liter [$\mu\text{g/L}$]), and MW-4D (21.4 $\mu\text{g/L}$).
- Chloroethane was detected in MW-4D (1,170 $\mu\text{g/L}$).
- 1,1-Dichloroethane was detected in MW-1 (28.7 $\mu\text{g/L}$).
- Cis-1,2-Dichloroethene was detected in MW-1 (15.1 $\mu\text{g/L}$).
- Isopropylbenzene was detected in MW-4D (8.2 $\mu\text{g/L}$).
- Methyl tertiary butyl ether (MTBE) was detected in MW-18 (26.4 $\mu\text{g/L}$).

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 the following TCL SVOCs above groundwater standards and/or guidance values in samples collected:

- Benzo(a)anthracene was detected in MW-10 (0.49J $\mu\text{g/L}$), MW-15 (9.3 $\mu\text{g/L}$) and MW-20 (2.4 $\mu\text{g/L}$).
- Benzo(b)fluoranthene was detected in MW-15 (4.3 $\mu\text{g/L}$) and MW-20 (2.0 $\mu\text{g/L}$).
- Benzo(k)fluoranthene was detected in MW-15 (0.69J $\mu\text{g/L}$).
- Chrysene was detected in MW-10 (0.38J $\mu\text{g/L}$), MW-15 (10.2 $\mu\text{g/L}$), and MW-20 (3.4 $\mu\text{g/L}$).

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

During groundwater sampling field screenings, the turbidity was greater than 50 NTU in groundwater samples collected from MW-4D, MW-8, MW-15, and MW-20. Therefore, a filtered and unfiltered sample were collected. Laboratory analysis reported the following TAL metals above groundwater standards and/or guidance values in the following samples collected:

- Aluminum was detected in MW-1 (950 $\mu\text{g/L}$), MW-15 (2,390 $\mu\text{g/L}$), and MW-18 (230 $\mu\text{g/L}$), MW-20 (490 $\mu\text{g/L}$) and MW-21 (297 $\mu\text{g/L}$). Concentrations decreased to <200 $\mu\text{g/L}$ in filtered samples from MW-15 and MW-20.
- Arsenic was detected in MW-15 (25.0 $\mu\text{g/L}$). Concentrations decreased in a filtered sample to 24.6 $\mu\text{g/L}$.
- Iron was detected in seven samples (MW-1, MW-4D, MW-10, MW-15, MW-18, MW-20, and MW-21) ranging from 502 $\mu\text{g/L}$ in MW-21 to 65,700 $\mu\text{g/L}$ in MW-18. Concentrations increased in a filtered sample from MW-4D and decreased in filtered samples from MW-15 and MW-20.
- Magnesium was detected in three samples (MW-8, MW-11, and MW-18) ranging from 88,300 $\mu\text{g/L}$ in MW-18 to 783,000 $\mu\text{g/L}$ in MW-8. Concentrations increased in a filtered sample from MW-8.

- Manganese was detected in seven samples (MW-1, MW-4D, MW-10, MW-11, MW-15, MW-18 and MW-20) ranging from 353 µg/L in MW-1 to 2,750 µg/L in MW-20. Concentrations increased in filtered samples from MW-4D, MW-15, and MW-20.
- Sodium was detected in eight samples (MW-4D, MW-8, MW-10, MW-11, MW-15, MW-18, MW-20, and MW-21) ranging from 57,100 µg/L in MW-18 to 6,480,000 µg/L in MW-8. Concentrations increased in filtered samples from MW-4D, MW-8, and MW-15 and decreased in a filtered sample from MW-20.

Total metals and cyanide groundwater analytical results are summarized on Table 6 and dissolved metal analytical results are summarized on Table 7. The spatial distributions of metals detected in groundwater samples are illustrated on Figure 7.

5.3.5 Pesticides and Polychlorinated Biphenyls

Laboratory analysis reported concentrations of pesticides and PCBs below reporting limits in the groundwater samples collected, with the exception of pesticide endosulfan-I detected in MW-15 at 0.028 µg/L. Pesticide and PCB groundwater analytical results are summarized on Tables 8 and 9, respectively.

5.3.6 Formaldehyde

Laboratory analysis reported concentrations of formaldehyde below reporting limits in the groundwater samples collected from monitoring wells MW-20 and MW-21. Formaldehyde groundwater analytical results are summarized on Table 10.

6.0 SUMMARY

Monitoring and sampling of 23 monitoring points were conducted between January 20 and 26, 2010. In addition, weekly LNAPL recovery events began on January 8, 2010. Approximately 214 gallons of LNAPL has been recovered from the Project Area as of January 28, 2010.

Groundwater was observed at depths ranging from 3.5 to 28.5 fbg. Groundwater flow was measured in the direction of Newtown Creek at an approximate hydraulic gradient of approximately 0.01 ft/ft.

LNAPL was detected during the groundwater gauging event on January 22, 2010 in monitoring wells MW-2, MW-3, MW-4S, MW-6, MW-7, MW-9, MW-12, MW-14, MW-16, MW-17, MW-19, MW-22, MW-23, and MW-24. LNAPL thickness ranged from 0.01 ft in MW-12 to 8.78 ft in MW-6.

Concentrations of VOCs were detected above groundwater standards and/or guidance values in samples collected from MW-1 and MW-4D. Chlorinated compounds were detected in samples collected from MW-1 and MW-4D. MTBE was detected in a sample from MW-18.

SVOCs were detected above groundwater standards and/or guidance values in three of the nine groundwater samples collected (MW-10, MW-15, and MW-20).

Metals were detected above groundwater standards and/or guidance values in the groundwater samples collected (MW-1, MW-4D, MW-8, MW-10, MW-11, MW-15, MW-18, MW-20, and MW-21).

Concentrations of pesticides, PCBs and formaldehyde were below reporting limits in the groundwater samples collected, with the exception of endosulfan-I.

7.0 RECOMMENDATIONS

Based on the information gathered from this monitoring and sampling event, continued quarterly monitoring and sampling of the monitoring well network and weekly LNAPL recovery using G&B, portable pumps and/or passive bailers are proposed.

8.0 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 Report is based on the regulatory standards in effect on the date of the report. It has been produced for the primary benefit of Exxon Mobil Global Services Company and its affiliates.

9.0 REFERENCES

American Society for Testing and Materials E 2531-06, *Standard Guide for Development of Conceptual Site Models and Remediation Strategies for Light Nonaqueous-Phase Liquids Released to the Subsurface*, 2008.

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

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Parsons, *Field Sampling Plan for the Site Characterization of the Inland Parcels, Former Pratt Oil Works Site, Long Island City, New York*, August 2008.

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Parsons, *Field Sampling Plan for Site Characterization of the Waterfront Parcels, Former Pratt Oil Works Site, Long Island City, New York*, May 2008.

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Parsons, *Quality Assurance Project Plan for the Site Characterization of the Waterfront Parcels, Former Pratt Oil Works Site, Long Island City, New York*, May 2008.

United States Environmental Protection Agency, *How to Effectively Recover Free Product At Leaking Underground Storage Tank Sites*, EPA 510-R-96-001, September 1996.

United States Environmental Protection Agency Region II, *Ground water Sampling Procedure Low Stress (Low Flow) Purging and Sampling*, March 1998

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

Groundwater Sample Analysis										
Sample IDs	Parameter	Analytical Method	Lab	Field Samples				QC Blanks		Total
				Field Samples	Field Duplicates	MS/MSD (Total)	Subtotal	Rinse Blanks	Trip Blanks	
MW-1, MW-4D, MW-8, MW-10, MW-11, MW-13, MW-15, MW-18, MW-20 and MW-21	TCL VOCs	USEPA SW 8260B	Accutest	10	1	1/ 1	13	0	3	16
MW-1, MW-4D, MW-8, MW-10, MW-11, MW-13, MW-15, MW-18, MW-20 and MW-21	TCL SVOCs	USEPA SW 8270C		10	1	1/ 1	13	0	0	13
MW-1, MW-4D, MW-8, MW-10, MW-11, MW-13, MW-15, MW-18, MW-20 and MW-21	TAL Metals & CN	USEPA SW 6010B, 7470A, 335.4		10	1	1/ 1	13	0	0	13
MW-1, MW-4D, MW-8, MW-10, MW-11, MW-13, MW-15, MW-18, MW-20 and MW-21	Pesticides	USEPA SW 8081		10	1	1/ 1	13	0	0	13
MW-1, MW-4D, MW-8, MW-10, MW-11, MW-13, MW-15, MW-18, MW-20 and MW-21	PCBs	USEPA SW 8082		10	1	1/ 1	13	0	0	13
MW-20 and MW-21	Formaldehyde	USEPA SW 8315		2	0	0	2	0	0	2

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

PCBs - Polychlorinated biphenyls

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

Trip blanks were collected each day a groundwater VOCs sample was sent to the laboratory

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to LNAPL (feet)	Specific Gravity (g/cm3)	LNAPL Thickness (feet)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temperature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppth)	
MW-1 (6-18)	4/7/2009	13.49	9.51	ND	NA	ND	3.98	0.4	6.57	11.78	0.68	-302	NA*	530	NM	
	4/17/2009	13.49	9.43	ND	NA	ND	4.06	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	13.49	8.56	ND	NA	ND	4.93	0.6	7.02	17.97	0.57	-231	2.64	0.37	NM	
	10/26/2009	13.49	8.08	ND	NA	ND	5.41	NM	6.72	18.59	2.00	-324	0.00	7.20	0.08	
	1/20/2010	13.49	8.35	ND	NA	ND	5.14	0.00	6.76	11.50	0.58	-295	0.69	5.80	0.03	
	1/22/2010	13.49	8.36	ND	NA	ND	5.13	0.20	NM	NM	NM	NM	NM	NM	NM	
MW-2 (2-17)	4/7/2009	6.56	5.45	ND	NA	ND	1.11	80.9	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.56	7.81	7.72	0.89**	0.09	-1.17	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.56	8.88	7.78	0.89**	1.1	-1.34	0.50	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.56	8.09	6.72	0.89**	1.37	-0.31	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	6.56	9.93	8.19	0.89**	1.74	-1.82	NM	NM	NM	NM	NM	NM	NM	NM	
MW-3 (3-18)	4/7/2009	7.95	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	7.95	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	7.95	NM	NM	0.9386	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	7.95	9.70	8.15	0.9386	1.55	-0.30	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	7.95	8.22	8.20	0.9386	0.02	-0.25	5.50	NM	NM	NM	NM	NM	NM	NM	
MW-4 (5-22)	4/7/2009	8.87	9.65	6.59	0.8908	3.06	1.95	135	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	8.87	11.55	6.52	0.8908	5.03	1.80	NS	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	8.87	10.95	6.00	0.8908	4.95	2.33	7.6	NM	NM	NM	NM	NM	NM	NM	Well abandoned
MW-4S (4-9)	10/26/2009	8.81	7.20	6.31	0.8908	0.89	2.40	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	8.81	7.27	6.50	0.8908	0.77	2.23	161.0	NM	NM	NM	NM	NM	NM	NM	
MW-4D (13.5-18.5)	10/26/2009	8.57	6.95	ND	NA	ND	1.62	NM	NM	NM	NM	NM	NM	NM	NM	
	10/29/2009	8.57	6.78	ND	NA	ND	1.79	NM	6.68	18.10	1.05	-119	0.00	17.00	0.05	
	1/22/2010	8.57	7.72	ND	NA	ND	0.85	4.9	NM	NM	NM	NM	NM	NM	NM	
	1/26/2010	8.57	7.84	ND	NA	ND	0.73	NM	6.78	15.92	1.07	-136	0.66	59.50	0.08	
MW-5 (13-21)	4/7/2009	9.62	18.82	7.14	0.8952	11.68	1.26	23.0	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	9.62	18.66	7.32	0.8952	11.34	1.11	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	9.62	20.00	6.99	0.8952	13.01	1.27	4.7	NM	NM	NM	NM	NM	NM	NM	
	9/4/2009	9.62	17.10	7.00	0.8952	10.10	1.56	NM	NM	NM	NM	NM	NM	NM	NM	
	9/10/2009	9.62	20.35	8.52	0.8952	11.83	-0.14	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	9.62	18.05	7.69	0.8952	10.36	0.84	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	9.62	NM	NM	0.8952	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Passive Bailer
MW-6 (18-23)	4/7/2009	11.80	12.18	9.09	0.8944	3.09	2.38	68.7	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	11.80	12.55	9.35	0.8944	3.20	2.11	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	11.80	12.82	8.79	0.8944	4.03	2.58	2.9	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	11.80	15.55	9.08	0.8944	6.47	2.04	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	11.80	18.00	9.22	0.8944	8.78	1.65	42.7	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to LNAPL (feet)	Specific Gravity (g/cm3)	LNAPL Thickness (feet)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temperature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppth)	
MW-7 (1-15)	4/7/2009	6.54	5.18	4.82	0.9129	0.36	1.69	211	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.54	8.42	7.74	0.9129	0.68	-1.26	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.54	9.30	7.80	0.9129	1.50	-1.39	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.54	7.70	7.07	0.9129	0.63	-0.58	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	6.54	7.62	6.04	0.9129	1.58	0.36	40.0	NM	NM	NM	NM	NM	NM	NM	
MW-8 (1-13)	4/7/2009	5.80	4.09	ND	NA	ND	1.71	0.0	7.59	8.07	37.4	-140	3.7	74.9	2.31	
	4/17/2009	5.80	7.54	ND	NA	ND	-1.74	NM	NM	NM	NM	NM	NM	NM	NM	
	7/28/2009	5.80	5.65	ND	NA	ND	0.15	NM	7.68	28.95	27.4	-330	0.26	1.4	NM	
	7/29/2009	5.80	7.50	ND	NA	ND	-1.70	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	5.80	6.83	ND	NA	ND	-1.03	NM	NM	NM	NM	NM	NM	NM	NM	
	10/27/2009	5.80	5.37	ND	NA	ND	0.43	NM	7.10	16.32	32.40	-327	0.00	2.90	2.01	
	1/20/2010	5.80	4.38	ND	NA	ND	1.42	0.0	7.04	7.15	35.20	-238	1.94	148	2.14	
	1/22/2010	5.80	6.59	ND	NA	ND	-0.79	0.0	NM	NM	NM	NM	NM	NM	NM	
MW-9 (3-18)	4/7/2009	9.76	17.70	8.40	0.9074	9.30	0.50	106	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	9.76	17.51	8.28	0.9074	9.23	0.63	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	9.76	17.90	8.35	0.9074	9.55	0.53	5.30	NM	NM	NM	NM	NM	NM	NM	
	9/4/2009	9.76	17.98	8.35	0.9074	9.63	0.52	NM	NM	NM	NM	NM	NM	NM	NM	
	9/10/2009	9.76	19.30	9.51	0.9074	9.79	-0.66	NM	NM	NM	NM	NM	NM	NM	NM	
	9/16/2009	9.76	17.90	8.25	0.9074	9.65	0.62	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	9.76	17.90	8.84	0.9074	9.06	0.08	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	9.76	18.20	9.85	0.9074	8.35	-0.86	9.80	NM	NM	NM	NM	NM	NM	NM	
MW-10 (3-13)	4/7/2009	10.56	8.74	ND	NA	ND	1.82	1.8	6.90	12.32	0.478	-143	0.0	95.4	0.02	
	4/17/2009	10.56	8.64	ND	NA	ND	1.92	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	10.56	8.10	ND	NA	ND	2.46	0.00	NM	NM	NM	NM	NM	NM	NM	
	7/30/2009	10.56	8.04	ND	NA	ND	2.52	NM	6.94	18.44	0.54	-135	5.47	0.0	NM	
	10/26/2009	10.56	8.20	ND	NA	ND	2.36	NM	NM	NM	NM	NM	NM	NM	NM	
	10/27/2009	10.56	8.20	ND	NA	ND	2.36	NM	6.71	17.93	0.78	-180	0.00	5.5	0.04	
	1/20/2010	10.56	8.59	ND	NA	ND	1.97	0.00	6.51	14.69	1.54	-196	0.70	3.7	0.08	
	1/22/2010	10.56	8.63	ND	NA	ND	1.93	0.00	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to LNAPL (feet)	Specific Gravity (g/cm3)	LNAPL Thickness (feet)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temperature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppth)	
MW-11 (2-17)	4/7/2009	6.98	5.73	ND	NA	ND	1.25	0.00	4.62	10.54	29.6	-242	0.0	77.1	NM	
	4/17/2009	6.98	8.72	ND	NA	ND	-1.74	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.98	7.98	ND	NA	ND	-1.00	0.0	NM	NM	NM	NM	NM	NM	NM	
	7/30/2009	6.98	8.57	ND	NA	ND	-1.59	NM	6.87	18.76	26.60	-221	5.49	6.9	NM	
	10/26/2009	6.98	8.15	ND	NA	ND	-1.17	NM	NM	NM	NM	NM	NM	NM	NM	
	10/27/2009	6.98	7.34	ND	NA	ND	-0.36	NM	6.71	17.88	30.90	-291	0.0	0.0	1.94	
	1/21/2010	6.98	5.33	ND	NA	ND	1.65	0.00	6.42	11.58	28.70	-254	1.34	3.2	1.75	
	1/22/2010	6.98	8.18	ND	NA	ND	-1.20	0.00	NM	NM	NM	NM	NM	NM	NM	
MW-12 (2-16)	4/7/2009	6.67	8.26	ND	NA	ND	-1.59	0.0	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.67	8.41	8.40	0.91**	0.01	-1.73	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.67	NM	ND	NA	ND	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.67	7.95	7.81	0.91**	0.14	-1.15	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	6.67	7.81	7.80	0.91**	0.01	-1.13	0.00	NM	NM	NM	NM	NM	NM	NM	
MW-13 (1-8)	4/7/2009	7.82	NM	NM	NA	NM	NM	0.0	8.43	9.68	1.14	-155	0.0	102	0.05	
	4/17/2009	7.82	3.64	ND	NA	ND	4.18	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	7.82	3.51	ND	NA	ND	4.31	0.0	NM	NM	NM	NM	NM	NM	NM	
	7/30/2009	7.82	3.47	ND	NA	ND	4.35	NM	7.22	20.84	1.40	-131	4.18	0.0	NM	
	10/26/2009	7.82	3.59	ND	NA	ND	4.23	NM	NM	NM	NM	NM	NM	NM	NM	
	10/27/2009	7.82	3.59	ND	NA	ND	4.23	NM	6.87	15.90	1.34	-76	0.0	10.50	0.07	
	1/22/2010	7.82	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible
MW-14 (7.5-27.5)	7/29/2009	22.92	26.80	20.65	0.9086	6.15	1.71	10.9	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	22.92	26.50	21.31	0.9086	5.19	1.14	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	22.92	26.98	21.70	0.9086	5.28	0.74	NM	NM	NM	NM	NM	NM	NM	NM	
MW-15 (5.5-20.5)	7/28/2009	13.05	10.48	ND	NA	ND	2.57	NM	7.05	19.48	0.78	-104	0.32	786	NM	
	7/29/2009	13.05	10.59	ND	NA	ND	2.46	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	13.05	11.32	ND	NA	ND	1.73	NM	NM	NM	NM	NM	NM	NM	NM	
	10/28/2009	13.05	NM	ND	NA	ND	NM	NM	6.41	13.60	216.00	-138	8.11	990	0.10	
	1/22/2010	13.05	11.91	ND	NA	ND	1.14	3.8	NM	NM	NM	NM	NM	NM	NM	
	1/26/2010	13.05	11.88	ND	NA	ND	1.17	NM	6.79	15.32	0.89	-121	1.27	122	0.04	
MW-16 (10.5-30.5)	7/29/2009	24.12	21.00	20.91	0.91**	0.09	3.20	0.2	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	24.12	21.27	21.25	0.91**	0.02	2.87	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	24.12	21.95	21.52	0.91**	0.43	2.56	5.9	NM	NM	NM	NM	NM	NM	NM	
MW-17 (8.5-25.5)	7/29/2009	16.81	22.20	14.76	0.9122	7.44	1.40	3.5	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	16.81	23.0	15.44	0.9122	7.56	0.71	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	16.81	22.35	16.02	0.9122	6.33	0.23	1.4	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to LNAPL (feet)	Specific Gravity (g/cm3)	LNAPL Thickness (feet)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temperature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppth)	
MW-18 (17.5-37.5)	9/24/2009	23.55	20.92	ND	NA	ND	2.63	NM	6.50	27.67	1.98	-144	0.40	33.5	NM	
	10/26/2009	23.55	21.32	ND	NA	ND	2.23	NM	NM	NM	NM	NM	NM	NM	NM	
	10/29/2009	23.55	21.76	ND	NA	ND	1.79	NM	6.59	14.84	1.63	-126	0.0	159	0.08	
	1/22/2010	23.55	21.28	ND	NA	ND	2.27	0.50	NM	NM	NM	NM	NM	NM	NM	
	1/26/2010	23.55	21.40	ND	NA	ND	2.15	NM	6.63	14.45	2.00	-133	1.29	47.5	0.10	
MW-19 (11.5-31.5)	9/24/2009	24.85	22.55	21.95	0.9087	0.60	2.85	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	24.85	23.05	22.00	0.9087	1.05	2.75	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	24.85	23.15	22.24	0.9087	0.91	2.53	7.90	NM	NM	NM	NM	NM	NM	NM	
MW-20 (9.5-29.5)	7/27/2009	28.63	25.20	ND	NA	ND	3.43	NS	6.93	19.35	1.43	-94	0.00	189	NM	
	7/29/2009	28.63	21.03	ND	NA	ND	7.60	0.1	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	28.63	21.61	ND	NA	ND	7.02	NM	NM	NM	NM	NM	NM	NM	NM	
	10/28/2009	28.63	21.57	ND	NA	ND	7.06	NM	6.24	16.43	1.14	0.44	0.00	83.2	0.06	
	1/21/2010	28.63	22.19	ND	NA	ND	6.44	0.0	6.53	13.86	1.53	0.99	0.50	98.0	0.08	
	1/22/2010	28.63	21.99	ND	NA	ND	6.64	0.0	NM	NM	NM	NM	NM	NM	NM	
MW-21 (10.5-25.5)	7/27/2009	16.63	14.50	ND	NA	ND	2.30	NS	6.96	18.45	1.22	190	4.93	17.8	NM	
	7/29/2009	16.63	14.37	ND	NA	ND	2.26	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	16.63	14.10	ND	NA	ND	2.53	NM	NM	NM	NM	NM	NM	NM	NM	
	10/28/2009	16.63	14.02	ND	NA	ND	2.61	NM	6.61	5.76	1.07	144	1.07	12.7	0.05	
	1/21/2010	16.63	14.83	ND	NA	ND	1.80	NM	6.60	13.92	1.25	92	4.04	10.5	0.06	
MW-22 (14.5-34.5)	1/22/2010	16.63	14.61	ND	NA	ND	2.02	0.0	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	29.36	27.20	25.79	0.9092	1.41	3.44	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	29.36	28.40	26.15	0.9092	2.25	3.01	NM	NM	NM	NM	NM	NM	NM	NM	
MW-23 (10.5-24.5)	1/22/2010	29.36	28.44	26.35	0.9092	2.09	2.82	5.8	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	19.05	23.85	17.09	0.9094	6.76	1.35	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	19.05	23.82	17.76	0.9094	6.06	0.74	NM	NM	NM	NM	NM	NM	NM	NM	
MW-23 (10.5-24.5)	1/22/2010	19.05	23.65	18.39	0.9094	5.26	0.18	7.9	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to LNAPL (feet)	Specific Gravity (g/cm3)	LNAPL Thickness (feet)	Corrected GW Elevation (feet)	PID Reading (ppmv)	pH (s.u.)	Temperature (°C)	Conductivity (mS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppth)	
MW-24 (5.5-25.5)	7/29/2009	17.56	24.10	15.20	0.9034	8.90	1.50	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	17.56	24.25	15.79	0.9034	8.46	0.95	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	17.56	24.75	16.31	0.9034	8.44	0.43	NM	NM	NM	NM	NM	NM	NM	NM	

Notes:

~ - no standard or guidance value exists

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

°C - degrees Celsius

°F - degrees Fahrenheit

Corrected GW Elevation - calculated using the following formula:

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

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

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

ppth - parts per thousand

s.u. - standard units

* - equipment malfunction

** - estimated value based on surrounding wells

Specific gravity based on a one time sampling event

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

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-4S (4-9)	12/29/2009	G&B	0.8908	6.31	7.16	0.85	6.42	7.17	0.75	3.00	0.00	3.00	
	1/8/2010	G&B	0.8908	6.25	7.04	0.79	6.36	6.88	0.52	3.00	0.00	3.00	
	1/14/2010	G&B	0.8908	6.4	7.04	0.64	6.43	7.21	0.78	2.50	0.00	2.50	
	1/28/2010	G&B	0.8908	6.51	7.30	0.79	6.60	6.8	0.20	3.50	0.00	3.50	
MW-5 (13-21)	9/4/2009	G&B	0.8952	7.00	17.10	10.10	9.65	10.1	0.45	21.00	0.00	21.00	
	9/10/2009	Port. Pump	0.8952	8.52	20.35	11.83	9.83	9.9	0.07	16.46	0.00	16.46	
	12/29/2009	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/8/2010	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/14/2010	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
	1/19/2010	Port. Pump	0.8952	8.19	NM	NM	8.13	NM	NM	2.50	0.00	2.50	
	1/28/2010	Pas. Bailer	0.8952	NM	NM	NM	NM	NM	NM	0.75	0.00	0.75	
MW-9 (3-18)	9/4/2009	G&B	0.9074	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	
TOTALS:										214.19	0.00	214.19	

Notes:

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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Acetone	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	2-Butanone (MEK)	Carbon disulfide	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5	7
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	<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	<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	<1.0
	1/20/2010	<10	27.2	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	<1.0
MW-2(2-17)	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
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	<50 J
	7/29/2009	NS	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	6.7
	1/22/2010	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)	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
MW-4D(13-18)	10/29/2009	8.0 J	14.2	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	859	<1.0
	1/26/2010	<10	21.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1170	<1.0
MW-4D Dup	1/26/2010	<10	21.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1170	<1.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
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	<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	<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	<1.0
	1/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	<1.0

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	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	1,2-Dichloro- ethane (EDC)
NYSDEC Standards		5	~	0.04	~	0.0006	3	3	3	5	5	0.6
NYSDEC Guidance Values		~	~	~	50	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<1.0	4.1 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	29.7	<1.0
	7/29/2009	<1.0	3.2 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	27.4	<1.0
	10/26/2009	<1.0	2.9 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	41.0	<1.0
	1/20/2010	<1.0	2.6 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	28.7	<1.0
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	<50 J	<250 J	<500 J	<50 J	<100 J	<50 J	<50	<50 J	<250 J	<50 J	<50 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	8.3	17.2
	1/22/2010	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)	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
MW-4D(13-18)	10/29/2009	<1.0	9.4	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/26/2010	<1.0	16.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-4D Dup	1/26/2010	<1.0	16.4	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
MW-8(1-13)	4/8/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	7/28/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/27/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/20/2010	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0

TABLE 4
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Sample ID	Date	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	Isopropyl- benzene
NYSDEC Standards		5	5	5	1	0.4	0.4	~	5	~	~	5
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<1.0	6.8	0.87 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	2.2
	7/29/2009	<1.0	20.9	1.4	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	1.9 J
	10/26/2009	<1.0	28.0	1.8	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	1.6 J
	1/20/2010	<1.0	15.1	1.2	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	1.5 J
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	<50 J	<50 J	<50 J	<50 J	<50 J	<50 J	<6300 J	<50 J	<250 J	<250 J	<100 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<1.0	81.1	1.7	<1.0	<1.0	<1.0	<130	1.9	<5.0	7.0	<2.0
	1/22/2010	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)	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
MW-4D(13-18)	10/29/2009	<1.0	0.25 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	5.7
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.41 J	<5.0	<5.0	8.2
MW-4D Dup	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.41 J	<5.0	<5.0	8.1
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
MW-8(1-13)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	7/28/2009	<1.0	0.23 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0

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Sample ID	Date	Methyl acetate	Methyl-cyclo-hexane	MTBE	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2-Tetra-chloroethane	Tetra-chloro-ethene	Toluene	1,2,3-Trichloro-benzene	1,2,4-Trichloro-benzene	1,1,1-Trichlor-ethane
NYSDEC Standards		~	~	~	~	5	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	10	~	~	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<5.0 J	5.8	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.33 J	<5.0	<5.0	<1.0
	7/29/2009	<5.0	4.7 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	10/26/2009	<5.0	4.6 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	1/20/2010	<5.0	5.1	<1.0	5.5	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	<250 J	<250 J	140 J	<250 J	<100 J	<250 J	<50 J	<50 J	<50 J	<250 J	<250 J	<50 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<5.0	1.4 J	127	8.8	29.7	<5.0	<1.0	14.3	12.2	<5.0	<5.0	0.30 J
	1/22/2010	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)	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
MW-4D(13-18)	10/29/2009	<5.0	14.7	1.6	<5.0	<2.0	<5.0	<1.0	<1.0	1.3	<5.0	<5.0	<1.0
	1/26/2010	<5.0	29.9	1.9	<5.0	<2.0	<5.0	<1.0	<1.0	2.0	<5.0	<5.0	<1.0
MW-4D Dup	1/26/2010	<5.0	31.3	2.0	<5.0	<2.0	<5.0	<1.0	<1.0	2.0	<5.0	<5.0	<1.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
MW-8(1-13)	4/8/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	0.45 J	<1.0	<5.0	<5.0	<1.0
	7/28/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	10/27/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	1/20/2010	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0

TABLE 4
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Sample ID	Date	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	
MW-1(6-18)	4/7/2009	<1.0	0.88 J	<5.0 J	7.8	<1.0	<1.0	<1.0	33.6	
	7/29/2009	<1.0	2.2	<5.0	19.1	0.35 J	<1.0	0.35 J	27.4	
	10/26/2009	<1.0	3.0	<5.0	22.2	0.30 J	<1.0	0.30 J	34.8	
	1/20/2010	<1.0	2.6	<5.0	11.3	0.27 J	<1.0	0.27 J	27.5	
MW-2(2-17)	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
	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
MW-3(3-18)	4/29/2009	<50 J	<50 J	<250 J	<50 J	<50 J	<50 J	<50	BRL	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	<1.0	12.7	<5.0	12.5	7.4	3.8	11.2	35.1	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4S(4-9)	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
MW-4D(13-18)	10/29/2009	<1.0	<1.0	<5.0	<1.0	2.1	0.91 J	3.0	18.5	
	1/26/2010	<1.0	<1.0	<5.0	<1.0	2.3	1.3	3.6	27.4	
MW-4D Dup	1/26/2010	<1.0	<1.0	<5.0	<1.0	2.4	1.3	3.6	27.3	
MW-5(13-21)	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
	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	Inaccessible-passive bailer
MW-6(18-23)	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
	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
MW-7(1-15)	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
	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
MW-8(1-13)	4/8/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/28/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/20/2010	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	

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Sample ID	Date	Acetone	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	2-Butanone (MEK)	Carbon disulfide	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5	7
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~	~
MW-9(3-18)	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
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	<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	<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	<1.0
	1/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	<1.0
MW-10 Dup	7/30/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	<1.0
MW-11(2-17)	4/8/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	<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	<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	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	<1.0
MW-11 Dup	4/8/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	<1.0
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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
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	<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	<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	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
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	<1.0
	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	<1.0
	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	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	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
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	<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	<1.0
	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	<1.0
MW-19(11.5-31.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID	Date	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	1,2-Dichloro- ethane (EDC)
NYSDEC Standards		5	~	0.04	~	0.0006	3	3	3	5	5	0.6
NYSDEC Guidance Values		~	~	~	50	~	~	~	~	~	~	~
MW-9(3-18)	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
MW-10(3-13)	4/8/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	7/30/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/27/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/20/2010	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-10 Dup	7/30/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0 J	<1.0	<1.0
MW-11(2-17)	4/8/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	7/30/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/27/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/21/2010	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-11 Dup	4/8/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<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
MW-13(1-8)	4/8/2009	3.9	6.8	<10	<1.0	<2.0	0.39 J	<1.0	<1.0	<5.0	<1.0	<1.0
	7/30/2009	0.48 J	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/27/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/28/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/26/2010	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/29/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/26/2010	0.33 J	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-19(11.5-31.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID	Date	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	Isopropyl-benzene
NYSDEC Standards		5	5	5	1	0.4	0.4	~	5	~	~	5
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-9(3-18)	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
MW-10(3-13)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	7/30/2009	<1.0	0.26 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	10/27/2009	<1.0	0.29 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
MW-10 Dup	7/30/2009	<1.0	0.23 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
MW-11(2-17)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	7/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
MW-11 Dup	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
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
MW-13(1-8)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	7.8	<5.0	<5.0	4.8
	7/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	2.0	<5.0	<5.0	1.3 J
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.1	<5.0	<5.0	0.73 J
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	0.61 J
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	2.1	<5.0	<5.0	<2.0
	10/29/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.8	<5.0	<5.0	<2.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.6	<5.0	<5.0	<2.0
MW-19(11.5-31.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID	Date	Methyl acetate	Methyl-cyclo-hexane	MTBE	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2-Tetra-chloroethane	Tetra-chloro-ethene	Toluene	1,2,3-Trichloro-benzene	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane
NYSDEC Standards		~	~	~	~	5	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	10	~	~	~	~	~	~	~	~	~
MW-9(3-18)	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
MW-10(3-13)	4/8/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	7/30/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	10/27/2009	<5.0	0.41 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	1/20/2010	<5.0	0.47 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
MW-10 Dup	7/30/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
MW-11(2-17)	4/8/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	7/30/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	10/27/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	1/21/2010	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
MW-11 Dup	4/8/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
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
MW-13(1-8)	4/8/2009	<5.0	11.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	6.8	<5.0	<5.0	<1.0
	7/30/2009	<5.0	1.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.82 J	<5.0	<5.0	<1.0
	10/27/2009	<5.0	0.89 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.50 J	<5.0	<5.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<5.0	1.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	10/28/2009	<5.0	1.1 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	1/26/2010	<5.0	1.1 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	<5.0	<5.0	26.2	<5.0	<2.0	<5.0	<1.0	<1.0	0.63 J	<5.0	<5.0	<1.0
	10/29/2009	<5.0	<5.0	13.1	<5.0	<2.0	<5.0	<1.0	<1.0	0.41 J	<5.0	<5.0	<1.0
	1/26/2010	<5.0	0.51 J	26.4	<5.0	<2.0	<5.0	<1.0	<1.0	0.32 J	<5.0	<5.0	<1.0
MW-19(11.5-31.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID	Date	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichlorofluoromethane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	
MW-9(3-18)	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
	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
MW-10(3-13)	4/8/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/30/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/20/2010	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-10 Dup	7/30/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-11(2-17)	4/8/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/30/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-11 Dup	4/8/2009	<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	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
MW-13(1-8)	4/8/2009	<1.0	<1.0	<5.0	<1.0	35.8	15.9	51.7	81.0	
	7/30/2009	<1.0	<1.0	<5.0	<1.0	4.5	3.6	8.1	13.6	
	10/27/2009	<1.0	<1.0	<5.0	<1.0	1.3	1.5	2.8	6.1	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<5.0	<1.0	<1.0	0.67 J	0.91 J	1.19	
	10/28/2009	<1.0	<1.0	<5.0	<1.0	<1.0	0.39 J	0.39 J	0.39	
	1/26/2010	<1.0	<1.0	<5.0	<1.0	<1.0	0.35 J	0.56 J	0.56	
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
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	<1.0	<1.0	<5.0	<1.0	3.7	0.92 J	4.6	8.7	
	10/29/2009	<1.0	<1.0	<5.0	<1.0	2.9	0.76 J	3.7	6.8	
	1/26/2010	<1.0	<1.0	<5.0	<1.0	2.4	0.71 J	3.1	5.5	
MW-19(11.5-31.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Acetone	Benzene	Bromo- chloro- methane	Bromo- dichloro- methane	Bromoform	Bromo- methane	2-Butanone (MEK)	Carbon disulfide	Carbon Tetra- chloride	Chloro- benzene	Chloro- ethane	Chloroform
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5	7
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~	~
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	<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	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<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	0.51 J
	10/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	0.43 J
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	0.38 J
MW-21 Dup	10/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0	0.39 J
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	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	1,2-Dichloro- ethane (EDC)
NYSDEC Standards		5	~	0.04	~	0.0006	3	3	3	5	5	0.6
NYSDEC Guidance Values		~	~	~	50	~	~	~	~	~	~	~
MW-20(9.5-29.5)	7/27/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/28/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/21/2010	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-21(10.5-25.5)	7/27/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	10/28/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
	1/21/2010	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-21 Dup	10/28/2009	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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Sample ID	Date	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	Isopropyl-benzene
NYSDEC Standards		5	5	5	1	0.4	0.4	~	5	~	~	5
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
MW-21(10.5-25.5)	7/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
MW-21 Dup	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0	<2.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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Sample ID	Date	Methyl acetate	Methyl-cyclo-hexane	MTBE	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2-Tetra-chloroethane	Tetra-chloro-ethene	Toluene	1,2,3-Trichloro-benzene	1,2,4-Trichloro-benzene	1,1,1-Trichlor-ethane
NYSDEC Standards		~	~	~	~	5	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	10	~	~	~	~	~	~	~	~	~
MW-20(9.5-29.5)	7/27/2009	<5.0	0.45 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.39 J	<5.0	<5.0	<1.0
	10/28/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
	1/21/2010	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0
MW-21(10.5-25.5)	7/27/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.8	<1.0	<5.0	<5.0	<1.0
	10/28/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.2	<1.0	<5.0	<5.0	<1.0
	1/21/2010	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.9	<1.0	<5.0	<5.0	<1.0
MW-21 Dup	10/28/2009	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.6	<1.0	<5.0	<5.0	<1.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	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		1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	0.81	
	10/28/2009	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<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	3.3	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/28/2009	<1.0	2.7	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-21 Dup	10/28/2009	<1.0	3.1	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

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

Dup - 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 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	<50	<50	<50	<50	<200	<200	<20	<20	<50	<100
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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)	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
MW-4D(13-18)	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
MW-4D Dup	1/26/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
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
MW-9(3-18)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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	<67	<1.0	<1.0	<5.0	<1.0
	7/29/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.57 J	<1.0	<5.0	<1.0
	10/26/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.56 J	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	0.72 J	<1.0	<5.0	<1.0
MW-2(2-17)	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
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
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)	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
MW-4D(13-18)	10/29/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.65 J	<1.0	<5.0	<1.0
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	0.91 J	<1.0	<5.0	0.66 J
MW-4D Dup	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	1.0	<1.0	<5.0	0.57 J
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
MW-8(1-13)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	7/28/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
MW-9(3-18)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	<50	<50	166	87.6	58.0	77.2	18.9	<20	<20	<20
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<5.0	<5.0	14.6	7.2	3.8	4.2	1.3	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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)	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
MW-4D(13-18)	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
MW-4D Dup	1/26/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
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
MW-9(3-18)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	<50	<50	<20	<20	259	<20	<20	<20	<20	<20
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<5.0	<5.0	<2.0	<2.0	19.3	<2.0	<2.0	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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)	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
MW-4D(13-18)	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
MW-4D Dup	1/26/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
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
MW-9(3-18)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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
MW-2(2-17)	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
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
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)	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
MW-4D(13-18)	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
MW-4D Dup	1/26/2010	<2.0	<5.0	<1.0	0.76 J	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
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
MW-9(3-18)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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-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
MW-2(2-17)	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
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
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)	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
MW-4D(13-18)	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
MW-4D Dup	1/26/2010	1.5	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
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
MW-9(3-18)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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	
MW-2(2-17)	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
	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
MW-3(3-18)	4/29/2009	<50	<10	<20	<20	<50	31.6	79.7	<50	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	<5.0	0.47 J	<2.0	<2.0	<5.0	2.8	6.3	<5.0	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4S(4-9)	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
MW-4D(13-18)	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	
MW-4D Dup	1/26/2010	<5.0	<1.0	<2.0	<2.0	<5.0	2.5	0.56 J	<5.0	
MW-5(13-21)	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
	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	Inaccessible-passive bailer
MW-6(18-23)	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
	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
MW-7(1-15)	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
	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
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	
MW-9(3-18)	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
	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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 R	<5.0 R	<5.0 R	<5.0 R	<20 R	<20 R	<2.0 R	<2.0 R	<5.0 R	<10 R
	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
MW-10 Dup	7/30/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-11(2-17)	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
	1/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-11 Dup	4/8/2009	<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
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
MW-14(7.5-27.5)	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
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
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
MW-17(8.5-25.5)	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
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
MW-19(11.5-31.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-10(3-13)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.88 J	<1.0	<5.0	<1.0
	7/30/2009	<10 R	<2.0 R	<5.0 R	<5.0 R	<5.0 R	<67	0.54 J	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.77 J	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	0.81 J	<1.0	<5.0	<1.0
MW-10 Dup	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.76 J	<1.0	<5.0	<1.0
MW-11(2-17)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
MW-11 Dup	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<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
	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
MW-13(1-8)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.90 J	<1.0	<5.0	0.57 J
	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.53 J	<1.0	<5.0	0.36 J
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	0.67 J	<1.0	<5.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	3.3
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	1.0	<1.0	<5.0	0.83 J
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	2.3
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
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	1.0
	10/29/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	0.80 J
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	0.82 J
MW-19(11.5-31.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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
	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
MW-10 Dup	7/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
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
	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
MW-11 Dup	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<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
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
MW-14(7.5-27.5)	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
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
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
MW-17(8.5-25.5)	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
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
MW-19(11.5-31.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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
	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
MW-10 Dup	7/30/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-11(2-17)	4/8/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	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
MW-11 Dup	4/8/2009	<5.0	<5.0	<2.0	<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
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
MW-14(7.5-27.5)	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
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
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
MW-17(8.5-25.5)	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
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
MW-19(11.5-31.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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
	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
MW-10 Dup	7/30/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	8.3	<1.0
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
	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
MW-11 Dup	4/8/2009	<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
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
MW-14(7.5-27.5)	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
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
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
MW-17(8.5-25.5)	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
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
MW-19(11.5-31.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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
	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
MW-10 Dup	7/30/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
MW-11(2-17)	4/8/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	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
MW-11 Dup	4/8/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<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
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
MW-14(7.5-27.5)	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
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
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
MW-17(8.5-25.5)	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
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
MW-19(11.5-31.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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	
	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	
MW-10 Dup	7/30/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.50 J	<5.0	
MW-11(2-17)	4/8/2009	<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	
MW-11 Dup	4/8/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
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
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
MW-14(7.5-27.5)	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
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	
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
MW-17(8.5-25.5)	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
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	LNAPL in well
	10/29/2009	<5.0	3.2	<2.0	<2.0	<5.0	2.0	<1.0	<5.0	LNAPL in well
	1/26/2010	<5.0	2.8	<2.0	<2.0	<5.0	1.7	<1.0	<5.0	LNAPL in well
MW-19(11.5-31.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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
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
	1/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-21 Dup	10/28/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-20(9.5-29.5)	7/27/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	0.40 J	<1.0	<5.0	<1.0
MW-21(10.5-25.5)	7/27/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
MW-21 Dup	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	<67	<1.0	<1.0	<5.0	<1.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Sample ID	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-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
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
	1/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
MW-21 Dup	10/28/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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-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
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
	1/21/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-21 Dup	10/28/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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-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
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
	1/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
MW-21 Dup	10/28/2009	<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)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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-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
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
	1/21/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
MW-21 Dup	10/28/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	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-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	
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	
	1/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
MW-21 Dup	10/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

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.
J - Indicates an estimated value
Dup -duplicate sample
LNAPL - light non-aqueous phase liquid
R - Indicates that the reported result was rejected during the data validation process
NS - Not sampled
NYSDEC Standards and Guidance Values - New York State Department of
Environmental Conservation Technical and Operational Guidance Series
(TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values,
June 1998 and Addendum April 2000
Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<200	<6.0	9.7	247	1.4	<3.0	134000	<10	<50	<10	3320	<3.0
	7/29/2009	<200	<6.0	4.6	206	<1.0	<3.0	100000	<10	<50	<10	2080	3.2
	10/26/2009	711	<6.0	9.7	227	<1.0	<3.0	108000	<10	<50	<10	2600	21.4
	1/20/2010	950	<6.0	<8.0	<200	<1.0	<3.0	84300	<10	<50	<10	785	4.4
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	49800 J	<60	137	<2000	<10	<30	519000	<100 J	<500	<100 J	105000	357
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	98700	<12	130	<400	2.4	10.6	623000	139	<100	49.6	179000	94.8
	1/22/2010	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)	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
MW-4D(13-18)	10/29/2009	<200	<6.0	13.5	<200	<1.0	<3.0	56200	<10	<50	<10	19100	<3.0
	1/26/2010	<200	<6.0	16.8	<200	<1.0	<3.0	50200	<10	<50	<10	25900	<3.0
MW-4D Dup	1/26/2010	<200	<6.0	18.1	<200	<1.0	<3.0	51600	<10	<50	<10	26800	<3.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
MW-8(1-13)	4/8/2009	<200	<6.0 J	4.2	<200	<1.0 J	<3.0	198000	<10 J	<50 J	58.0	177	<30 J
	7/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	215000	<10	<50	<10	799	<30
	10/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	217000	<10	<50	<10	177	<3.0
	1/20/2010	<200	<600	9.2	<200	<1.0	<3.0	230000	<10	<50	<10	<100	7.0

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		~	300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		35000	~	~	~	~	~	~	~	0.5	~	2000	~	
MW-1(6-18)	4/7/2009	15500	1090	<0.20	<10	<10000	<10	<10	30600 J	<2.0	<50	<20	<10	
	7/29/2009	7380	591	<0.20	<10	<10000	<10	<10	24200	<10	<50	<20	<10	
	10/26/2009	8310	548	<0.20	<10	<10000	<10	<10	22900	<2.0	<50	<20	<10	
	1/20/2010	<5000	353	<0.20	<10	<10000	<10	<10	15400	<10	<50	<20	19	
MW-2(2-17)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-3(3-18)	4/29/2009	162000	3330	<0.80	118	114000	<100 J	<100 J	400000	<20	<500	1020 J	<10	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	250000	9500	0.21	84.6	161000	<20	<20	522000	<10	146	773	<10	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4S(4-9)	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4D(13-18)	10/29/2009	12700	412	<0.20	<10	15000	<10	<10	147000	<10	<50	<20	<10	
	1/26/2010	9980	425	<0.20	<10	13000	<10	<10	130000	<10	<50	<20	21	
MW-4D Dup	1/26/2010	10300	443	<0.20	<10	13500	<10	<10	135000	<10	<50	<20	<10	
MW-5(13-21)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible-passive bailer
MW-6(18-23)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-7(1-15)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-8(1-13)	4/8/2009	611000	76.4	<0.20	<10 J	228000	<10	<10	5120000	<2.0 J	<50 J	<20 J	<10	
	7/28/2009	711000	295	<0.20	<10	257000	<10	<10	5240000	<20	<50	<20	<10	
	10/27/2009	724000	147	<0.20	<10	354000	<10	<10	6380000	<10	<50	<20	<10	
	1/20/2010	783000	64.5	<0.20	<10	374000	<10	<10	6480000	<1000	<50	<20	25	

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~
MW-9(3-18)	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
MW-10(3-13)	4/8/2009	<200	<6.0	22.7	<200	<1.0	<3.0	58700	<10	<50	<10	6170	5.5
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	4.1 J	85700	<10	<50	<10	7950 J	<3.0
	10/27/2009	<200	<6.0	<8.0	210	<1.0	<3.0	123000	<10	<50	<10	8920	<3.0
	1/20/2010	<200	<6.0	<3.0	295	<1.0	<3.0	175000	<10	<50	<10	9920	<3.0
MW-10 Dup	7/30/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	86100	<10	<50	<10	7830 J	<3.0
MW-11(2-17)	4/8/2009	<200	<6.0	7.8	<200	<1.0	<3.0	217000	<10	<50	<10	1540	<6.0
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	201000	<10	<50	<10	579 J	<3.0
	10/27/2009	<200	<6.0	8.8	<200	<1.0	<3.0	232000	<10	<50	<10	123	11.5
	1/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	212000	<10	<50	29.1	<100	<3.0
MW-11 Dup	4/8/2009	<200	<6.0	7.4	<200	<1.0	<3.0	218000	<10	<50	<10	1500	<6.0
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
MW-13(1-8)	4/8/2009	<200	<6.0	5.8	<200	<1.0	<3.0	116000	<10	<50	75.5	679	73.2
	7/30/2009	<200	<6.0	<3.0	220	<1.0	<3.0	197000	<10	<50	<10	8370 J	19.8
	10/27/2009	644	<6.0	<8.0	477	<1.0	3.4	187000	<10	<50	23.6	7900	61.3
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	9320	<6.0	34.8	248	<1.0	<3.0	76600	16.1	<50	57.5	33900	11.0
	10/28/2009	<200	<6.0	26.7	213	<1.0	<3.0	77300	<10	<50	<10	37400	<3.0
	1/26/2010	2390	<6.0	25.0	<200	<1.0	<3.0	68500	<10	<50	29.2	45000	3.1
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
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	255	<6.0	23.0	717	<1.0	<3.0	238000	<10	<50	<10	50800	<3.0
	10/29/2009	<200	<6.0	<8.0	667	<1.0	<3.0	226000	<10	<50	<10	53800	<3.0
	1/26/2010	230	<6.0	6.2	788	<1.0	<3.0	295000	<10	<50	<10	65700	<3.0
MW-19(11.5-31.5)	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

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		~	300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		35000	~	~	~	~	~	~	~	0.5	~	2000	~	
MW-9(3-18)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-10(3-13)	4/8/2009	5760	409	<0.20	<10	<10000	<10	<10	17600	<5.0	<50	<20	61	
	7/30/2009	7590	520	<0.20	<10	<10000	<10	<10	21000	<10	<50	<20	37	
	10/27/2009	10600	678	<0.20	<10	<10000	<10	<10	37500	<10	<50	<20	29	
	1/20/2010	15700	1000	<0.20	<10	<10000	<10	<10	105000	<10	<50	<20	28	
MW-10 Dup	7/30/2009	7590	516	<0.20	<10	<10000	<10	<10	21600	<10	<50	<20	39	
MW-11(2-17)	4/8/2009	548000	963	<0.20	<10	185000	<10	<10	4000000	<5.0	<50	<20	<10	
	7/30/2009	559000	705	<0.20	<10	197000	<10	<10	4260000	<10	<50	<20	<10	
	10/27/2009	683000	580	<0.20	<10	224000	<10	<10	5400000	<10	<50	<20	<10	
	1/21/2010	566000	487	<0.20	<10	172000	<10	<10	4310000	<2.0	<50	20.1	<10	
MW-11 Dup	4/8/2009	545000	955	<0.20	<10	188000	<10	<10	4670000	<5.0	<50	<20	<10	
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-13(1-8)	4/8/2009	13600	106	<0.20	<10	17800	<10	<10	61000	<5.0	<50	174	44	
	7/30/2009	20500	410	<0.20	<10	21900	<10	<10	76700	<10	<50	174	16	
	10/27/2009	21100	354	<0.20	<10	22200	<10	<10	78900	<10	<50	578	<10	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
MW-14(7.5-27.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-15(5.5-20.5)	7/28/2009	7980	476	<0.20	10.3	11200	<10	<10	61100	<10	<50	35.3	<10	
	10/28/2009	6290	600	<0.20	<10	11700	<10	<10	74600	<2.0	<50	<20	<10	
	1/26/2010	6370	674	<0.20	<10	11100	<10	<10	76200	<10	<50	<20	<10	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-17(8.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-18(17.5-37.5)	9/24/2009	85400	1200	<0.20	<10	17500	<10	<10	58800	<5.0	<50	<20	<10	
	10/29/2009	64900	1320	<0.20	<10	23100	<10	<10	51300	<10	<50	<20	<10	
	1/26/2010	88300	1780	<0.20	<10	20200	<10	<10	57100	<10	<50	<20	17	
MW-19(11.5-31.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	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 January 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~
MW-20(9.5-29.5)	7/27/2009	3030	<6.0	<3.0 J	227	<1.0	<3.0	98800	<10 J	<50 J	44.2 J	24600	7.0
	10/28/2009	2210	<6.0	<3.0	251	<1.0	<3.0	102000	<10	<50	20.7	30800	<3.0
	1/21/2010	490	<6.0	<3.0	<200	<1.0	<3.0	83700	<10	<50	31.4	19200	<3.0
MW-21(10.5-25.5)	7/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	119000	<10	<50	<10	287	<3.0
	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	111000	<10	<50	<10	227	<3.0
	1/21/2010	297	<6.0	<3.0	<200	<1.0	<3.0	106000	<10	<50	29.6	502	<3.0
MW-21 Dup	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	116000	<10	<50	<10	144	<3.0
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		~	300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		35000	~	~	~	~	~	~	~	0.5	~	2000	~	
MW-20(9.5-29.5)	7/27/2009	36600	4010	<0.20	<10	<10000	<10 J	<10	90100	<10	<50	39.5	<10	
	10/28/2009	32600	3130	<0.20	<10	<10000	<10	<10	148000	<2.0	<50	<20	<10	
	1/21/2010	33400	2750	<0.20	<10	<10000	<10	<10	114000	<2.0	<50	22.1	<10	
MW-21(10.5-25.5)	7/27/2009	38400	83.9	<0.20	<10	<10000	11.2	<10	78600	<10	<50	<20	<10	
	10/28/2009	34300	41.0	<0.20	<10	<10000	<10	<10	76100	<2.0	<50	<20	<10	
	1/21/2010	34300	24.0	<0.20	17.1	<10000	<10	<10	70900	<2.0	<50	27.4	<10	
MW-21 Dup	10/28/2009	35800	37.4	<0.20	<10	<10000	10.4	<10	78400	<2.0	<50	<20	<10	
MW-22(14.5-34.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-23(10.5-24.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-24(5.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

Notes:

~ - no standard or guidance value exists

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

Concentrations are reported in micrograms per liter.

Dup - 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 January 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/26/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/20/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	116000	<12	124	<400	3.2	10.8	571000	224	<100	35.6	192000	111
	1/22/2010	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)	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
MW-4D(13-18)	10/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/26/2010	<200	<6.0	16.0	<200	<1.0	<3.0	51500	<10	<50	<10	26200	<3.0
MW-4D Dup	1/26/2010	<200	<6.0	17.6	<200	<1.0	<3.0	51600	<10	<50	<10	26200	<3.0
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
MW-8(1-13)	4/8/2009	<200	8.5 J	5.9 J	<200	<5.0	<3.0	214000	<10 J	<50 J	<10	<100	<30 J
	7/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	212000	<10	<50	<10	789	<30
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/20/2010	<200	<600	11.8	<200	<1.0	<3.0	241000	<10	<50	<10	<100	9.2
MW-9(3-18)	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

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Comments
NYSDEC Standards		~	300	0.7	100	~	10	50	20000	~	14	~	
NYSDEC Guidance Values		35000	~	~	~	~	~	~	~	0.5	~	2000	
MW-1(6-18)	4/7/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	7/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10/26/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/20/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-2(2-17)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-3(3-18)	4/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	244000	9180	<0.20	97.2	160000	<20	<20	543000	<10	203	1100	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4S(4-9)	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4D(13-18)	10/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/26/2010	10200	437	<0.20	<10	13400	<10	<10	134000	<10	<50	<20	
MW-4D Dup	1/26/2010	10200	434	<0.20	<10	13300	<10	<10	134000	<10	<50	<20	
MW-5(13-21)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible-passive bailer
MW-6(18-23)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-7(1-15)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-8(1-13)	4/8/2009	657000	79.2	<0.20	<10 J	251000	<10	<10	5580000	<2.0 J	<50 J	<20 J	
	7/28/2009	706000	289	<0.20	<10	255000	<10	<10	5040000	<20	<50	<20	
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/20/2010	818000	65.2	<0.20	<10	403000	<10	<10	7090000	<1000	<50	<20	
MW-9(3-18)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~
MW-10(3-13)	4/8/2009	<200	<6.0	25.5	<200	<1.0	<3.0	60500	<10	<50	<10	6370	<3.0
	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/20/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10 Dup	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11(2-17)	4/8/2009	<200	<6.0	6.5	<200	<1.0	<3.0	216000	<10	<50	<10	1460	<30
	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11 Dup	4/8/2009	<200	6.4	9.7	<200	<1.0	<3.0	215000	<10	<50	<10	1520	<30
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
MW-13(1-8)	4/8/2009	<200	<6.0	6.9	<200	<1.0	<3.0	119000	<10	<50	<10	426	<3.0
	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<200	<6.0	17.3	209	<1.0	<3.0	78300	<10	<50	<10	19000	<3.0
	10/28/2009	<200	<6.0	29.9	227	<1.0	<3.0	81300	<10	<50	<10	39800	<3.0
	1/26/2010	<200	<6.0	24.6	<200	<1.0	<3.0	72200	<10	<50	<10	44000	<3.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/26/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-19(11.5-31.5)	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
MW-20(9.5-29.5)	7/27/2009	<200	<6.0	<3.0 J	232	<1.0	<3.0	110000	<10 J	<50 J	<10 J	20000	<3.0
	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	79800	<10	<50	<10	21700	<3.0
	1/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	82400	<10	<50	<10	18600	<3.0

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Comments
NYSDEC Standards		~	300	0.7	100	~	10	50	20000	~	14	~	
NYSDEC Guidance Values		35000	~	~	~	~	~	~	~	0.5	~	2000	
MW-10(3-13)	4/8/2009	5920	393	<0.20	<10	<10000	<10	<10	19200	<5.0	<50	<20	
	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/20/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-10 Dup	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-11(2-17)	4/8/2009	540000	959	<0.20	<10	186000	<10	<10	4340000	<5.0	<50	<20	
	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-11 Dup	4/8/2009	543000	974	<0.20	<10	187000	<10	<10	4260000	<5.0	<50	<20	
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-13(1-8)	4/8/2009	13600	125	<0.20	<10	17700	<10	<10	62900	<5.0	<50	<20	
	7/30/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
MW-14(7.5-27.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-15(5.5-20.5)	7/28/2009	6920	435	<0.20	<10	10600	<10	<10	66700	<10	<50	<20	
	10/28/2009	6630	626	<0.20	<10	12300	<10	<10	79000	<2.0	<50	<20	
	1/26/2010	6340	698	<0.20	<10	11400	<10	<10	81200	<10	<50	<20	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-17(8.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-18(17.5-37.5)	9/24/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10/29/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/26/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-19(11.5-31.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-20(9.5-29.5)	7/27/2009	38600	4310	<0.20	<10	<10000	<10 J	<10	109000	<10	<50	<20	
	10/28/2009	31200	3130	<0.20	<10	<10000	<10	<10	107000	<2.0	<50	<20	
	1/21/2010	33300	2800	<0.20	<10	<10000	<10	<10	104000	<2.0	<50	<20	

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
 Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~
MW-21(10.5-25.5)	7/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/28/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-21 Dup	10/28/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Comments
NYSDEC Standards		~	300	0.7	100	~	10	50	20000	~	14	~	
NYSDEC Guidance Values		35000	~	~	~	~	~	~	~	0.5	~	2000	
MW-21(10.5-25.5)	7/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10/28/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	1/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-21 Dup	10/28/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-22(14.5-34.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-23(10.5-24.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-24(5.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

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

Dup - duplicate

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

J - Indicates an estimated value

LNAPL - light non-aqueous phase liquid

NYSDEC Standards and Guidance Values - New York State Department of

Environmental Conservation Technical and Operational Guidance Series

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

June 1998 and Addendum April 2000

~ - no standard or guidance value exists

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

TABLE 8
GROUNDWATER ANALYTICAL DATA - PESTICIDES

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aldrin	alpha-BHC	beta-BHC (beta-HCH)	delta-BHC	gamma-BHC (Lindane)	alpha- Chlordane	gamma- Chlordane	Dieldrin	Rhothane (4,4-DDD)	DDE,P,P- (4,4 DDE)	4,4-DDT	Endrin
NYSDEC Standards or Guidance Values		ND	0.01	0.04	0.04	0.05	~	~	0.004	0.3	0.2	0.2	ND
MW-1(6-18)	4/7/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	7/29/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/26/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/20/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-2(2-17)	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
MW-3(3-18)	4/29/2009	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	1.0	<0.40	<0.40	<0.40
	1/22/2010	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)	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
MW-4D(13-18)	10/29/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/26/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-4D Dup	1/26/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-5(13-21)	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
MW-6(18-23)	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
MW-7(1-15)	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
MW-8(1-13)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020 J	<0.020	<0.020	<0.020	<0.020	<0.020
	7/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/20/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

TABLE 8
GROUNDWATER ANALYTICAL DATA - PESTICIDES

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Endosulfan sulfate	Endrin aldehyde	Endrin ketone	Endosulfan-I	Endosulfan-II	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Comments
NYSDEC Standards or Guidance Values		~	5	5	~	~	0.04	0.03	35	0.06	
MW-1(6-18)	4/7/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	7/29/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/26/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/20/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-2(2-17)	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
	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
MW-3(3-18)	4/29/2009	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<5.0	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<5.0	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4S(4-9)	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
MW-4D(13-18)	10/29/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/26/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-4D Dup	1/26/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-5(13-21)	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
	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	Inaccessible-passive bailer
MW-6(18-23)	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
	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
MW-7(1-15)	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
	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
MW-8(1-13)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	7/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/20/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	

TABLE 8
GROUNDWATER ANALYTICAL DATA - PESTICIDES

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aldrin	alpha-BHC	beta-BHC (beta-HCH)	delta-BHC	gamma-BHC (Lindane)	alpha- Chlordane	gamma- Chlordane	Dieldrin	Rhothane (4,4-DDD)	DDE,P,P- (4,4 DDE)	4,4-DDT	Endrin
NYSDEC Standards or Guidance Values		ND	0.01	0.04	0.04	0.05	~	~	0.004	0.3	0.2	0.2	ND
MW-9(3-18)	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
MW-10(3-13)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/20/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-10 Dup	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-11(2-17)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/21/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-11 Dup	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
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
MW-13(1-8)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.026	<0.020	<0.020
	1/26/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
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
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/29/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/26/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

TABLE 8
GROUNDWATER ANALYTICAL DATA - PESTICIDES

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Endosulfan sulfate	Endrin aldehyde	Endrin ketone	Endosulfan-I	Endosulfan-II	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Comments
NYSDEC Standards or Guidance Values		~	5	5	~	~	0.04	0.03	35	0.06	
MW-9(3-18)	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
	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
MW-10(3-13)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/20/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-10 Dup	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-11(2-17)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/21/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-11 Dup	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
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
MW-13(1-8)	4/8/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	7/30/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
MW-14(7.5-27.5)	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
MW-15(5.5-20.5)	7/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/26/2010	<0.020	<0.020	<0.020	0.028	<0.020	<0.020	<0.020	<0.020	<0.25	
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
MW-17(8.5-25.5)	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
MW-18(17.5-37.5)	9/24/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/29/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/26/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.26	

TABLE 8
GROUNDWATER ANALYTICAL DATA - PESTICIDES

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aldrin	alpha-BHC	beta-BHC (beta-HCH)	delta-BHC	gamma-BHC (Lindane)	alpha- Chlordane	gamma- Chlordane	Dieldrin	Rhothane (4,4-DDD)	DDE,P,P- (4,4 DDE)	4,4-DDT	Endrin
NYSDEC Standards or Guidance Values		ND	0.01	0.04	0.04	0.05	~	~	0.004	0.3	0.2	0.2	ND
MW-19(11.5-31.5)	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
MW-20(9.5-29.5)	7/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/21/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-21 Dup	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-21(10.5-25.5)	7/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	1/21/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

TABLE 8
GROUNDWATER ANALYTICAL DATA - PESTICIDES

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Endosulfan sulfate	Endrin aldehyde	Endrin ketone	Endosulfan-I	Endosulfan-II	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Comments
NYSDEC Standards or Guidance Values		~	5	5	~	~	0.04	0.03	35	0.06	
MW-19(11.5-31.5)	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
MW-20(9.5-29.5)	7/27/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/21/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-21 Dup	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-21(10.5-25.5)	7/27/2009	<0.020	<0.020 R	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	10/28/2009	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
	1/21/2010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.25	
MW-22(14.5-34.5)	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
MW-23(10.5-24.5)	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
MW-24(5.5-25.5)	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

Notes:

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

Concentrations are reported in micrograms per liter.

Dup - duplicate

J - Indicates an estimated value

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

~ - no standard or guidance value exists

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

TABLE 9
GROUNDWATER ANALYTICAL DATA - POLYCHLORINATED BIPHENYLS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs	Comments
NYSDEC Standards		~	~	~	~	~	~	~	~	~	0.09	
MW-1(6-18)	4/7/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	7/29/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/26/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/20/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-2(2-17)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-3(3-18)	4/29/2009	<10	<10	<10	<10	<10	<10	<10	<10	<10	BRL	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/29/2009	<10	<10	<10	<10	<10	<10	<10	<10	<10	BRL	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-4D(13-18)	10/29/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/26/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-4D Dup	1/26/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-4S(4-9)	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-5(13-21)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	inaccessible-passive bailer
MW-6(18-23)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-7(1-15)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-8(1-13)	4/8/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	7/28/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/27/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/20/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	

TABLE 9
GROUNDWATER ANALYTICAL DATA - POLYCHLORINATED BIPHENYLS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs	Comments
NYSDEC Standards		~	~	~	~	~	~	~	~	~	0.09	
MW-9(3-18)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-10(3-13)	4/8/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	7/30/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/27/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/20/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-10 Dup	7/30/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-11(2-17)	4/8/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	7/30/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/27/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/21/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-11 Dup	4/8/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-13(1-8)	4/8/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	7/30/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/27/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible-construction
MW-14(7.5-27.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-15(5.5-20.5)	7/28/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/28/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/26/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-17(8.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-18(17.5-37.5)	9/24/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/29/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/26/2010	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	BRL	

TABLE 9
GROUNDWATER ANALYTICAL DATA - POLYCHLORINATED BIPHENYLS

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs	Comments
NYSDEC Standards		~	~	~	~	~	~	~	~	~	0.09	
MW-19(11.5-31.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-20(9.5-29.5)	7/27/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/28/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/21/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-21(10.5-25.5)	7/27/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	10/28/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
	1/21/2010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-21 Dup	10/28/2009	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	BRL	
MW-22(14.5-34.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-23(10.5-24.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
MW-24(5.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	LNAPL in well

Notes:

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

Concentrations are reported in micrograms per liter.

Dup - duplicate sample

BRL - below laboratory reporting limits

J - Indicates an estimated value

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

~ - no standard or guidance value exists

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

TABLE 10
GROUNDWATER ANALYTICAL DATA - FORMALDEHYDE

Page 1 of 1

Former Pratt Oil Works
Long Island City, New York

April 2009 through January 2010

Sample ID	Date	Formaldehyde
NYSDEC Standard		~
MW-1(6-18)	4/7/2009	<20
MW-10(3-13)	4/8/2009	<20
MW-20(9.5-29.5)	7/27/2009	<20
	1/21/2010	ND(20)
MW-21(10.5-25.5)	7/27/2009	<20
	1/21/2010	ND(20)

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.

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 11
GROUNDWATER ANALYTICAL DATA - GENERAL CHEMISTRY

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2009

Sample ID	Date	pH	Chloride	Nitrate	Nitrite	Nitrate & Nitrite	Sulfates
MW-1(6-18)	4/7/2009	6.57	NA	NA	NA	NA	NA
MW-3(3-18)	10/29/2009	2.14	1050	<0.55	<0.050	<0.50	10,900
MW-8(1-13)	4/8/2009	7.59	NA	NA	NA	NA	NA
MW-10(3-13)	4/8/2009	6.90	NA	NA	NA	NA	NA
MW-11(2-17)	4/8/2009	6.58	NA	NA	NA	NA	NA
MW-13(1-8)	4/8/2009	8.43	NA	NA	NA	NA	NA

Notes:

Concentrations are reported in milligrams per liter.

pH reported in standard units (su)

NA - Not analyzed

Table 12
GROUNDWATER ANALYTICAL DATA - FATTY ACIDS

Former Pratt Oil Works
Long Island City, New York

April through October 2009

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
MW-03 (3-18)	10/29/2009	14.0	0.74	<1.0 U	<1.0 U	0.96	5.8	<0.7 U	3.7	2.3

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

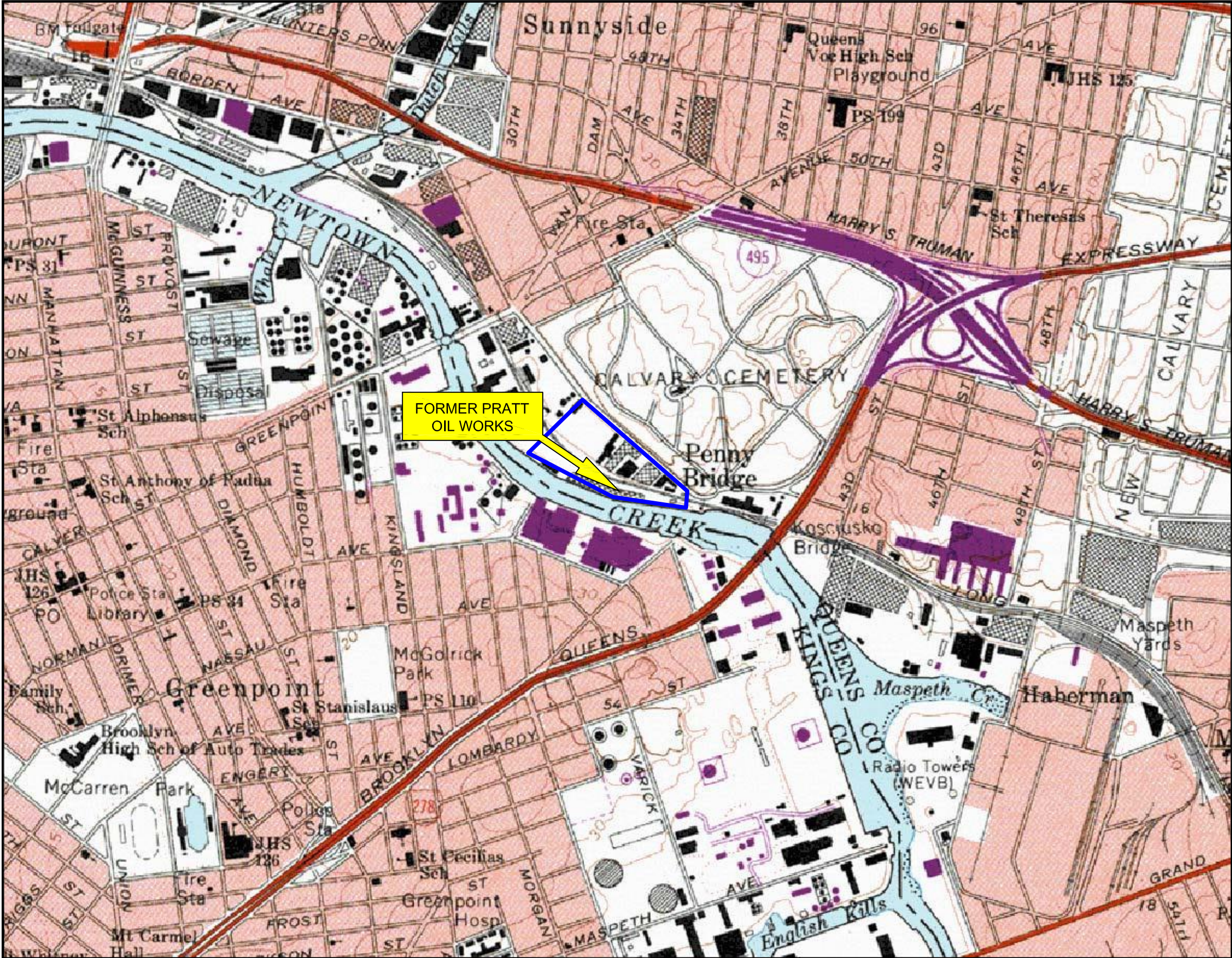
M - Recovery/RPD poor for matrix spike/matrics spike duplicate (MS/MSD)

Concentrations are reported in milligrams per liter.

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

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

FIGURES



0 500 1,000 2,000
SCALE (feet)

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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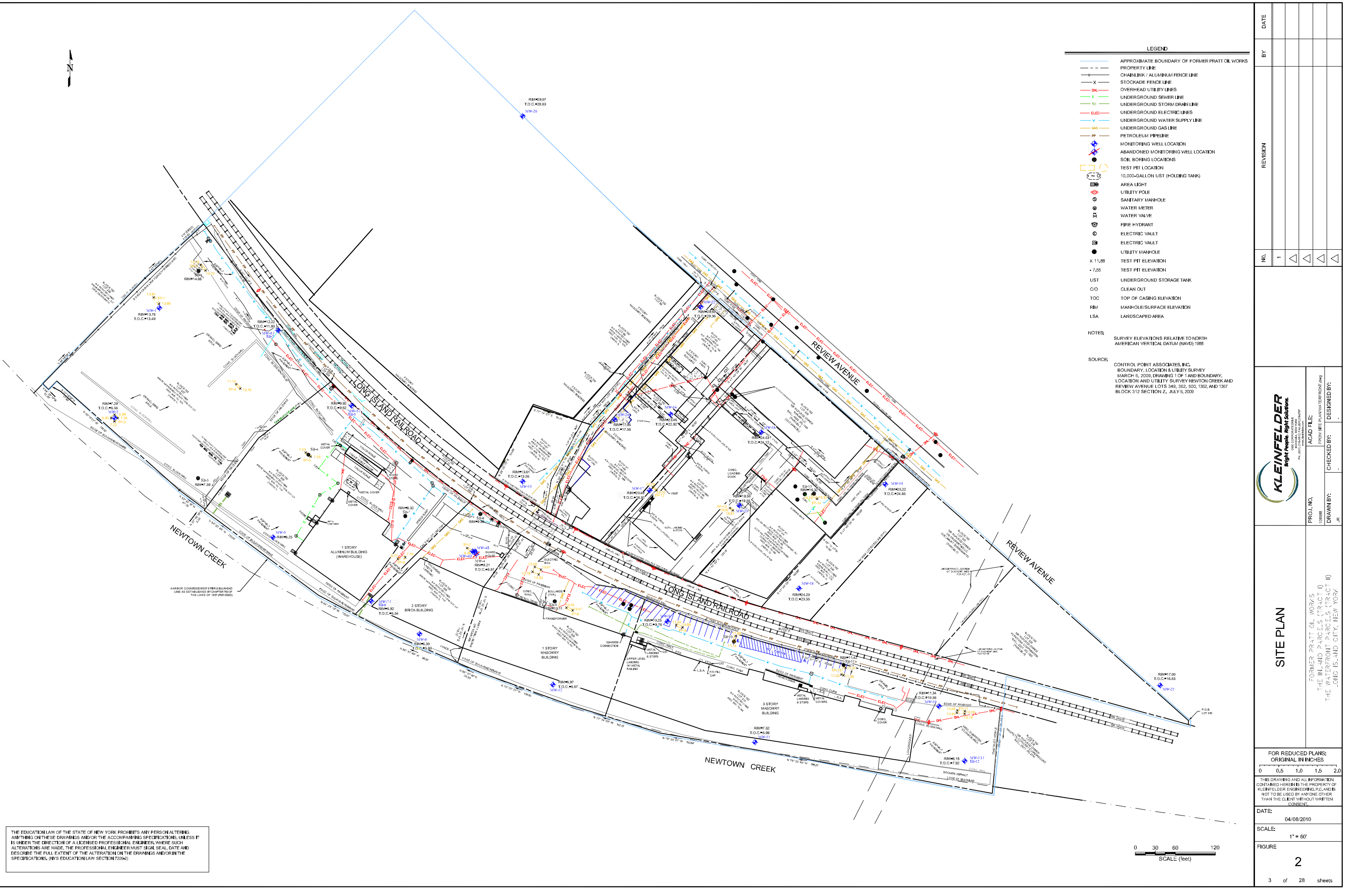
PROJECT NO. 108988
DRAWN: 03/02/2010
DRAWN BY: JR
CHECKED BY:
FILE NAME:

LOCUS PLAN

FORMER PRATT OIL WORKS
THE INLAND PARCELS (TRACT I)
THE WATERFRONT PARCELS (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 2205-2)



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0 40 80
Feet

1 inch equals 80 feet



PROJECT NO.	108988
DRAWN:	03/02/2010
DRAWN BY:	J.R.
CHECKED BY:	J.W.
FILE NAME:	

AERIAL PLAN

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

FIGURE

3



SOURCE: MICROSOFT AERIAL IMAGERY 2006

03060

Feet

↑

N

NOTES:
1. GAUGING DATA COLLECTED ON JANUARY 22, 2010 DURING LOW NEAP TIDE FROM APPROXIMATELY 8:00 TO 11:30 AM.
2. LOW TIDE ESTIMATED AT 0728 HOURS FROM HUNTERS POINT, NEWTOWN CREEK ON JANUARY 22, 2010.
3. MONITORING WELLS MW-4D, MW-5 AND MW-6 ARE SCREENED BELOW THE REGIONAL WATER TABLE BELOW A SEMI-CONFINING LAYER AND THEREFORE WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.
4. GROUNDWATER ELEVATIONS RELATIVE TO NORTH AMERICAN DATUM (NAD83).
5. MONITORING WELL MW-13 WAS INACCESSIBLE AND THEREFORE NOT GAUGED OR SAMPLED.

KLEINFELDER
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PROJECT NO.	108988	NAPL DISTRIBUTION AND GROUNDWATER ELEVATION CONTOUR MAP FORMER PRATT OIL WORKS THE INLAND PARCELS (TRACT I) THE WATERFRONT PARCELS (TRACT II) LONG ISLAND CITY, NEW YORK	FIGURE 4
DRAWN:	J.R.		
DRAWN BY:	03/02/10		
CHECKED BY:	J.W.		
FILE NAME:			

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0 30 60 Feet

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 01/20/10 TO 01/26/10.
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-4S, MW-5, MW-6, MW-7, MW-9, MW-12, MW-14, MW-16, MW-17, MW-19, MW-22, MW-23, AND MW-24 WERE NOT SAMPLED DUE TO THE PRESENCE OF LNAPL.
8. MONITORING WELL MW-13 WAS INACCESSIBLE AND THEREFORE NOT SAMPLED.
9. LNAPL- LIGHT NON AQUEOUS PHASE LIQUID.

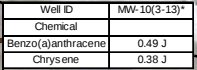


PROJECT NO.	108988
DRAWN:	J.R.
DRAWN BY:	03/02/10
CHECKED BY:	J.W.
FILE NAME:	

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

5

Well ID	MW-15(5.5-20.5)*
Chemical	
Benzo(a)anthracene	9.3
Benzo(b)fluoranthene	4.3
Benzo(k)fluoranthene	0.69 J
Chrysene	10.2

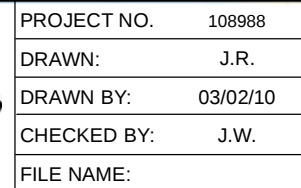


	TEST PIT LOCATION
	MONITORING WELL LOCATION
	ABANDONED MONITORING WELL LOCATION
	SOIL BORING LOCATION

Sample ID	Concentration ($\mu\text{g/L}$)
-----------	-----------------------------------

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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 01/20/10 TO 01/26/10.
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-4S, MW-5, MW-6, MW-7, MW-9, MW-12, MW-14, MW-16, MW-17, MW-19, MW-22, MW-23, AND MW-24 WERE NOT SAMPLED DUE TO THE PRESENCE OF NAPL.
8. NAPL - NON AQUEOUS PHASE LIQUID.



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

6

