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Steve Trifiletti
Project Manager

November 3, 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
Long Island City, New York
Consent Order Case No. D2-1002-12-07AM
Document Tracking No. S241115

Dear Mr. Davidson:

ExxonMobil Oil Corporation ("ExxonMobil") is submitting for your review and comment the enclosed Site Status Update Report for the subject site for the period of February 2010 through April 2010. One hard copy and an electronic copy are provided per Section VIII of the Consent Order (D2-1002-12-07AM) executed between ExxonMobil and New York State Department of Environmental Conservation (NYSDEC) and a letter from NYSDEC dated June 2, 2010. This report has been prepared on behalf of ExxonMobil by Kleinfelder 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. Wolf for", written over the typed name "Steve Trifiletti".

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

November 3, 2010

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

**Re: Site Status Update Report
May 2010 to July 2010**
Former Pratt Oil Works (Project Area)
The Inland Project Area (Tract I)
The Waterfront Project Area (Tract II)
Long Island City, New York 11101
NYSDEC Case No. 07-07418 (Parcel A)
NYSDEC Case No. 08-13060 (Parcel B)
NYSDEC Case No. 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:

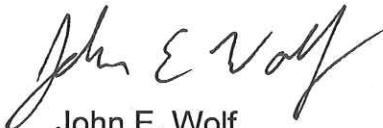
Enclosed please find a Site Status Update Report (SSUR) prepared by Kleinfelder East, Inc. (Kleinfelder) on behalf of ExxonMobil Environmental Services Company (ExxonMobil) for the Inland and Waterfront Project Areas listed above, which compose Tract I and II (further referred to as the Inland and Waterfront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

Formaldehyde analysis was added to the groundwater sampling schedule, outside of the scope of approved work plans, in an effort to evaluate potential migration from an

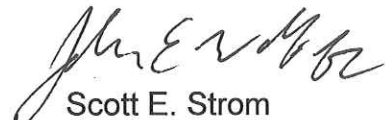
upgradient cemetery. Formaldehyde has not been detected in the quarterly groundwater samples analyzed between April 2009 and July 2010. Therefore, formaldehyde analysis has been discontinued unless requested by New York State Department of Environmental Conservation (NYSDEC).

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

Very truly yours,
Kleinfelder East, Inc.



John E. Wolf
Senior Project Manager



Scott E. Strom
Environmental Scientist

Enclosure

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SITE STATUS UPDATE REPORT

May 2010 through July 2010

Former Pratt Oil Works (Project Area)

The Inland Project Area (Tract I)

The Waterfront Project Area (Tract II)

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

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

Parcel C - 38-70 Review Avenue

Parcel D - 38-84 Railroad Avenue

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

Parcel F - 38-98 Review Avenue

Parcel G - 38-78 Review Avenue

Parcel H - 39-30 Review Avenue

Parcel I - 38-20 Review Avenue

Parcel J - 37-88 Review Avenue

Parcel K - 38-60 Review Avenue

Long Island City, New York

NYSDEC Case No. 07-07418 (Parcel A)

NYSDEC Case No. 08-13060 (Parcel B)

NYSDEC Case No. 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

November 3, 2010

Prepared by:

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Prepared for:

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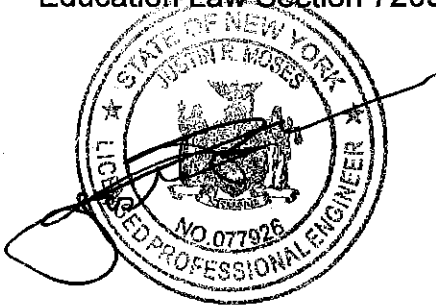
SITE STATUS UPDATE REPORT

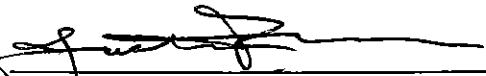
May 2010 through July 2010

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

ENGINEERING CERTIFICATION

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




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

11/3/10

Date

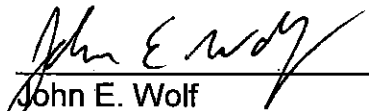
SITE STATUS UPDATE REPORT

May 2010 through July 2010

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

QUALITY ASSURANCE/QUALITY CONTROL

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



John E. Wolf
Project Manager

11/3/10

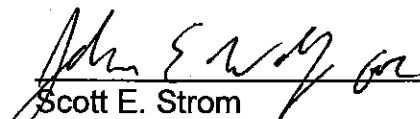
Date



Daniel Canavan
Project Hydrogeologist

11/3/10

Date



Scott E. Strom
Environmental Scientist

11/3/10

Date

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Distribution Map

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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
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
NAPL	-	non-aqueous phase liquid

LIST OF ACRONYMS AND ABBREVIATIONS

NTU	-	Nephelometric Turbidity Units
NYSDEC	-	New York State Department of Conservation
ORP	-	oxidation reduction potential
PID	-	photoionization detector
PPE	-	personal protective equipment
ppm _v	-	parts per million by volume
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
WMNY	-	Waste Management of New York
WQS	-	water quality standards

1.0 INTRODUCTION

ExxonMobil Environmental Services Company (ExxonMobil), on behalf of ExxonMobil Oil Corporation, contracted Kleinfelder East, Inc. (Kleinfelder) to conduct monitoring and sampling and interim remedial measures (IRMs) at the Inland Project Area and Waterfront Project Area, which compose Tract I and II, respectively of the Former Pratt Oil Works (Project Area). The purpose of the monitoring and sampling event and IRMs was an effort to monitor hydraulic characteristics (flow and gradient) and groundwater quality and to recover light non-aqueous phase liquid (LNAPL) from beneath the Project Area, if present, for the period from May 2010 to July 2010. Twenty-two monitoring wells were gauged and nine monitoring wells were sampled between July 19 and July 22, 2010. This *Site Status Update Report* (SSUR) documents the methods and results of the quarterly groundwater sampling event and IRMs conducted.

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	Apollo Steel

2.0 SITE DESCRIPTION

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

2.1 Site Description

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

2.2 Current Property Use

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

2.3 Site Geology

The geology observed in the samples collected from the Project Area is generally heterogeneous. The deposits observed in soil samples beneath the Inland Project Area

are predominantly composed of sand of unknown thickness, observed to the maximum depth of investigation (25 to 37 feet below grade [fbg]). Sporadic lenses of silt, gravel and cobble were additionally observed in borings on the Inland Project Area.

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

3.0 METHODS

The following subsections describe the methods of the quarterly activities performed at the Project Area from May 2010 to July 2010.

3.1 Equipment Decontamination

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

- Groundwater sampling equipment including, but not limited to, 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 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

LNAPL that was characterized and approved for recycling by a recycling facility was recovered using manual recovery events using a submersible pump. If present, LNAPL may have been recovered from monitoring wells MW-2, MW-4S, MW-5, MW-6, MW-9, MW-14, MW-17, MW-19, MW-23 and MW-24. LNAPL may not have been recovered to allow for recharge or due to access limitations. LNAPL recovery was conducted on an approximately weekly basis from December 29, 2009 to July 26, 2010. Prior to LNAPL recovery, the depth to LNAPL, depth to groundwater (DTW), and depth to bottom (DTB) were measured within the monitoring wells using an EIP. If present, LNAPL was recovered temporarily into a 5-gallon container 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 was gauged on July 19, 2010 during a low neap tide. Gauging during low neap tide was preferred in an effort 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 depth to LNAPL, if applicable, and DTW in the monitoring wells (with the exception of MW-11, MW-12, and MW-13) were measured using a decontaminated EIP. Monitoring wells MW-11 and MW-12 were destroyed during bulkhead construction activities coordinated by the property owner. Monitoring well MW-13 was inaccessible due to bulkhead construction activities.

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

3.3.2 Groundwater Sampling

Groundwater samples were collected from monitoring wells without detections of LNAPL, including MW-1, MW-4D, MW-8, MW-10, MW-15, MW-16, MW-20, and MW-21 from July 19 to 22, 2010.

On July 22, 2010, a groundwater sample was collected from monitoring well MW-3 beneath an observed LNAPL thickness of approximately 0.75 feet. A peristaltic pump equipped with 1/4-inch diameter polyethylene tubing was used to draw a groundwater sample from beneath the observed LNAPL. No purging was conducted prior to sample collection.

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

water quality parameters were recorded every three to five minutes on a low-flow groundwater sampling record to monitor groundwater stabilization:

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

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

Purge water was containerized in 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;
- Formaldehyde in accordance with USEPA Methods 8315 (MW-20 and MW-21 only).
- Chloride and sulfates via USEPA Methods SW 846 (MW-3 only).
- Nitrites and nitrates via USEPA Methods 353.2 (MW-3 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 one, open-top, 55-gallon, steel, USDOT-approved drum. Fluids generated from decontamination and groundwater sampling were placed in two, 55-gallon, steel, USDOT-approved fluid drums with closed tops. One drum of water was stored on Parcel A and one drum of water and one drum of PPE were stored on Parcel B prior to waste characterization and disposal. A drum inventory was maintained documenting the number of drums stored, the contents of the drums, and drum identification information.

One drum of water generated from Parcel B was transported and disposed of by LORCO Petroleum Services Inc (LORCO) of Elizabeth, New Jersey on August 24, 2010. A request was sent to WMNY for disposal of one drum of groundwater and one drum of PPE to be transported to its facility, CWM Chemical Services L.L.C., located at 1550 Balmer Road in Model City, New York, which is still pending.

LORCO removed LNAPL from temporary 55-gallon LNAPL storage drums via vacuum truck on May 11, 2010, May 18, 2010, June 15, 2010, and July 13, 2010. Copies of the drum disposal documentation are provided as Appendix A.

5.0 FINDINGS AND RESULTS

The following subsections describe the findings and results of the monitoring and sampling events conducted between July 19 and July 22, 2010.

5.1 Site Hydrogeology

On July 19, 2010, groundwater beneath the Project Area was detected in water table and semi-confined conditions. Monitoring wells MW-5 and MW-6 were screened beneath a semi-confining silty/clay layer and monitoring well MW-4D was screened beneath a peat layer. The depth to water ranged from approximately 7.22 fbg (MW-4S) to approximately 26.97 fbg in (MW-22). Groundwater flow direction was towards

Newtown Creek. The average water table gradient between the northern (MW-20) and southern (MW-8) boundaries of the Project Area was calculated to be approximately 0.018 feet per foot (ft/ft). Monitoring well gauging data is summarized on Table 2 and a NAPL Distribution and Groundwater Elevation Contour map is provided as Figure 4.

5.2 LNAPL Distribution and Recovery

LNAPL was detected in monitoring wells MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7, MW-9, MW-14, MW-17, MW-18, MW-19, MW-23, and MW-24 on July 19, 2010. LNAPL thickness ranged from 0.05 ft in MW-18 to 12.66 ft in MW-5. Monitoring wells MW-5 and MW-6 are screened beneath a semi-confining layer and, therefore, 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. A summary of LNAPL thicknesses observed in monitoring wells during groundwater gauging is provided in Table 2.

Approximately 1,365 gallons of LNAPL were recovered from monitoring wells MW-2, MW-4S, MW-5, MW-6, MW-9, MW-14, MW-17, MW-19, MW-23 and MW-24 from September 4, 2009 to July 26, 2010. Table 3 summarizes the LNAPL recovery.

5.3 Groundwater Analytical Data

The following subsections summarize the groundwater sampling field parameters and laboratory analytical results. Groundwater sample laboratory analytical results are summarized in Tables 4 through 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

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

5.3.2 Volatile Organic Compounds

Laboratory analysis reported TCL VOCs above groundwater standards and/or guidance values in samples collected from MW-1, MW-3, MW-4D, and MW-16. Chlorinated VOCs were detected above groundwater standards and/or guidance values in samples collected from MW-1 and MW-4D. VOC groundwater analytical results are summarized on Table 4. The spatial distributions of dissolved VOCs are illustrated on Figure 5.

5.3.3 Semi-Volatile Organic Compounds

Laboratory analysis reported TCL SVOCs above groundwater standards and/or guidance values in samples collected from MW-3 and MW-16. SVOC groundwater analytical results are summarized on Table 5. The spatial distributions of dissolved SVOCs are illustrated on Figure 6.

5.3.4 Metals and Cyanide

Turbidity measurements were observed below 50 NTU during groundwater sampling; therefore, no field filtered samples were collected. Laboratory analysis reported TAL metals above groundwater standards and/or guidance values in samples collected from MW-3, MW-4D, MW-8, MW-10, MW-15, MW-16, MW-20, and MW-21. Cyanide was not detected above groundwater standards. 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 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. Kleinfelder requests to discontinue quarterly sampling of formaldehyde due to no detections for the past four quarterly sampling events.

5.3.6 General Chemistry

Laboratory analysis reported concentrations of chloride at 1,370 milligrams per liter (mg/L) and sulfates at 4,150 mg/L, with no detections of nitrites or nitrates in the sample collected from MW-3. General chemistry analytical results are summarized on Table 9.

6.0 SUMMARY AND RECOMMENDATIONS

Gauging of 22 and sampling of 9 monitoring well points were conducted between July 19 and 22, 2010. In addition, weekly LNAPL recovery events began on December 29, 2010. The following is a summary of the quarterly groundwater sampling event and LNAPL recovery events for the period from May 2010 to July 2010.

- Approximately 1,365 gallons of LNAPL have been recovered from the Project Area from September 4, 2009 to July 26, 2010.
- Depth to groundwater ranged from 7.22 to 26.97 fbg.
- Groundwater flow was measured toward Newtown Creek at hydraulic gradient of approximately 0.018 ft/ft.

- LNAPL was detected in 13 monitoring wells, ranging from 0.05 ft in MW-18 to 12.66 ft in MW-5
- Concentrations of VOCs were detected above groundwater standards and/or guidance values in samples collected from MW-1, MW-3, MW-4D, and MW-16.
- SVOCs were detected above groundwater standards and/or guidance values in samples collected from MW-3 and MW-16.
- Metals were detected above groundwater standards and/or guidance values in samples collected from MW-3, MW-4D, MW-8, MW-10, MW-15, MW-16, MW-20, and MW-21.
- Concentrations of formaldehyde were below reporting limits in the groundwater samples collected from MW-20 and MW-21.
- Sulfates were detected at 4,150 mg/l within monitoring well MW-3.

Based on the information gathered from these monitoring and sampling events, continued quarterly monitoring and sampling of the monitoring well network and weekly LNAPL recovery, if applicable, using manual recovery, including, but not limited to, portable pumps and/or passive bailers, are proposed.

Formaldehyde analysis was added to the groundwater sampling schedule, outside of the scope of approved Work Plans, in an effort to evaluate potential migration from the upgradient cemetery. Formaldehyde has not been detected in the groundwater samples analyzed for the past four quarters. Therefore, formaldehyde analysis will be discontinued for future groundwater sampling events unless requested by NYSDEC.

7.0 LIMITATIONS

Kleinfelder performed the services for this project under the Standard Procurement Agreement with Procurement, a division of ExxonMobil Global Services Company (signed on June 21, 2007). Kleinfelder states that the services performed are consistent with professional standard of care defined as that level of services provided by similar professionals under like circumstances. This SSUR is based upon the

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

8.0 REFERENCES

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

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

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

TABLES

TABLE 1
SUMMARY OF SAMPLES AND ANALYSES

Former Pratt Oil Works
Long Island City, New York

April 2010

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-3, MW-4D, MW-8, MW-10, MW-13, MW-15, MW-16, MW-20 and MW-21	TCL VOCs	USEPA SW 8260B	Accutest	10	1	1/ 1	13	0	2	14
MW-1, MW-3, MW-4D, MW-8, MW-10, MW-13, MW-15, MW-16, MW-20 and MW-21	TCL SVOCs	USEPA SW 8270C		10	1	1/ 1	13	0	0	12
MW-1, MW-3, MW-4D, MW-8, MW-10, MW-13, MW-15, MW-16, MW-20 and MW-21	TAL Metals & CN	USEPA SW 6010B, 7470A, 335.4		10	1	1/ 1	13	0	0	12
MW-20 and MW-21	Formaldehyde	USEPA SW 8315		2	0	0	2	0	0	2
MW-3	Bromide, Chloride, Fluoride, Sulfates	USEPA SW 846		1	0	0	1	0	0	1
	Nitrogen, Nitrate	USEPA 353.2		1	0	0	1	0	0	1
	Nitrogen, Nitrite	SM 19		1	0	0	1	0	0	1
	Total Phosphorous	EPA 365.3		1	0	0	1	0	0	1

Notes:

USEPA - United States Environmental Protection Agency

CN - Cyanide

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

N A - not applicable

QC- quality control

SVOCs - semi-volatile organic compounds

TAL - Target Analyte List

TCL - Target Compound List

VOCs - volatile organic compounds

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

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation	Depth to LNAPL	Depth to Water	LNAPL Thickness	Specific Gravity	Corrected GW Elevation	PID Reading	pH	Temp- erature	Conductivity	Oxidation- Reduction Potential	Dissolved Oxygen	Turbidity	Salinity	
		(feet)	(feet)	(feet)	(feet)	(g/cm3)	(feet)	(ppmv)	(s.u.)	(°C)	(mS/cm)	(mV)	(mg/L)	(ntu)	(ppt)	
MW-1 (6-18)	4/7/2009	13.49	ND	9.51	ND	NA	3.98	0.4	6.57	11.78	0.68	-302	NA*	530	NM	
	4/17/2009	13.49	ND	9.43	ND	NA	4.06	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	13.49	ND	8.56	ND	NA	4.93	0.6	7.02	17.97	0.57	-231	2.64	0.37	NM	
	10/26/2009	13.49	ND	8.08	ND	NA	5.41	NM	6.72	18.59	2.00	-324	0.00	7.20	0.08	
	1/22/2010	13.49	ND	8.36	ND	NA	5.13	0.2	6.76	11.50	0.58	-295	0.69	5.80	0.03	
	4/21/2010	13.49	ND	8.30	ND	NA	5.19	1.4	8.51	10.32	0.551	-283	0.00	0.10	0.00	
	7/19/2010	13.49	ND	8.11	ND	NA	5.38	25.2	6.04	17.52	0.474	-249	2.16***	6.20	0.01	
MW-2 (2-17)	4/7/2009	6.56	ND	5.45	ND	NA	1.11	80.9	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.56	7.72	7.81	0.09	0.89**	-1.17	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.56	7.78	8.88	1.10	0.89**	-1.34	0.5	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.56	6.72	8.09	1.37	0.89**	-0.31	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	6.56	8.19	9.93	1.74	0.89**	-1.82	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	6.56	7.54	8.04	0.50	0.89**	-1.04	6.8	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	6.56	7.49	7.73	0.24	0.89**	-0.96	0.2	NM	NM	NM	NM	NM	NM	NM	
MW-3 (3-18)	4/7/2009	7.95	NM	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	7.95	NM	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	7.95	NM	NM	NM	0.9386	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	7.95	8.15	9.70	1.55	0.9386	-0.30	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	7.95	8.20	8.22	0.02	0.9386	-0.25	5.5	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	7.95	8.95	9.05	0.10	0.9386	-1.01	0.2	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	7.95	8.80	9.55	0.75	0.9386	-0.90	18.2	NM	NM	NM	NM	NM	NM	NM	
MW-4 (5-22)	4/7/2009	8.87	6.59	9.65	3.06	0.8908	1.95	135	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	8.87	6.52	11.55	5.03	0.8908	1.80	NS	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	8.87	6.00	10.95	4.95	0.8908	2.33	7.6	NM	NM	NM	NM	NM	NM	NM	Well abandoned
MW-4S (4-9)	10/26/2009	8.81	6.31	7.20	0.89	0.8908	2.40	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	8.81	6.50	7.27	0.77	0.8908	2.23	161.0	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	8.81	5.81	6.43	0.62	0.8908	2.93	15.6	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	8.81	6.34	7.22	0.88	0.8908	2.37	9.7	NM	NM	NM	NM	NM	NM	NM	
MW-4D (13.5-18.5)	10/26/2009	8.57	ND	6.95	ND	NA	1.62	NM	6.68	18.10	1.05	-119	0.00	17.00	0.05	
	1/22/2010	8.57	ND	7.72	ND	NA	0.85	4.9	6.78	15.92	1.07	-136	0.66	59.50	0.08	
	4/21/2010	8.57	ND	6.71	ND	NA	1.86	1.4	6.49	15.39	1.18	-202	0.00	0.00	0.10	
	7/19/2010	8.57	ND	7.09	ND	NA	1.48	0.0	6.15	19.94	1.23	-120	1.49***	2.10	0.04	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation	Depth to LNAPL	Depth to Water	LNAPL Thickness	Specific Gravity	Corrected GW Elevation	PID Reading	pH	Temp- erature	Conductivity	Oxidation- Reduction Potential	Dissolved Oxygen	Turbidity	Salinity	
		(feet)	(feet)	(feet)	(feet)	(g/cm3)	(feet)	(ppmv)	(s.u.)	(°C)	(mS/cm)	(mV)	(mg/L)	(ntu)	(ppt)	
MW-5 (13-21)	4/7/2009	9.62	7.14	18.82	11.68	0.8952	1.26	23.0	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	9.62	7.32	18.66	11.34	0.8952	1.11	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	9.62	6.99	20.00	13.01	0.8952	1.27	4.7	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	9.62	7.69	18.05	10.36	0.8952	0.84	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	9.62	NM	NM	NM	0.8952	NM	NM	NM	NM	NM	NM	NM	NM	NM	Passive Bailer
	4/21/2010	9.62	7.11	19.60	12.49	0.8952	1.20	9.8	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	9.62	6.94	19.60	12.66	0.8952	1.35	0.0	NM	NM	NM	NM	NM	NM	NM	
MW-6 (18-23)	4/7/2009	11.80	9.09	12.18	3.09	0.8944	2.38	68.7	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	11.80	9.35	12.55	3.20	0.8944	2.11	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	11.80	8.79	12.82	4.03	0.8944	2.58	2.9	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	11.80	9.08	15.55	6.47	0.8944	2.04	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	11.80	9.22	18.00	8.78	0.8944	1.65	42.7	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	11.80	8.62	9.25	0.63	0.8944	3.11	14.8	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	11.80	8.73	10.34	1.61	0.8944	2.90	0.0	NM	NM	NM	NM	NM	NM	NM	
MW-7 (1-15)	4/7/2009	6.54	4.82	5.18	0.36	0.9129	1.69	211	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.54	7.74	8.42	0.68	0.9129	-1.26	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.54	7.80	9.30	1.50	0.9129	-1.39	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.54	7.07	7.70	0.63	0.9129	-0.58	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	6.54	6.04	7.62	1.58	0.9129	0.36	40.0	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	6.54	8.05	8.10	0.05	0.9129	-1.51	107	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	6.54	8.00	9.66	1.66	0.9129	-1.60	29	NM	NM	NM	NM	NM	NM	NM	
MW-8 (1-13)	4/7/2009	5.80	ND	4.09	ND	NA	1.71	0.0	7.59	8.07	37.40	-140	3.7	74.9	2.31	
	4/17/2009	5.80	ND	7.54	ND	NA	-1.74	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	5.80	ND	7.50	ND	NA	-1.70	0.0	7.68	28.95	27.40	-330	0.26	1.4	NM	
	10/26/2009	5.80	ND	6.83	ND	NA	-1.03	NM	7.10	16.32	32.40	-327	0.00	2.90	2.01	
	1/22/2010	5.80	ND	6.59	ND	NA	-0.79	0.0	7.04	7.15	35.20	-238	1.94	148	2.14	
	4/21/2010	5.80	ND	7.66	ND	NA	-1.86	0.2	6.96	11.49	40.2	-295	0.00	2.60	2.50	
	7/19/2010	5.80	ND	7.42	ND	NA	-1.62	0.0	7.02	23.86	37.1	-284	4.28***	0.00	2.27	
MW-9 (3-18)	4/7/2009	9.76	8.40	17.70	9.30	0.9074	0.50	106	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	9.76	8.28	17.51	9.23	0.9074	0.63	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	9.76	8.35	17.90	9.55	0.9074	0.53	5.3	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	9.76	8.84	17.90	9.06	0.9074	0.08	NM	NM	NM	NM	NM	NM	NM	NM	
	1/22/2010	9.76	9.85	18.20	8.35	0.9074	-0.86	9.8	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	9.76	8.86	14.99	6.13	0.9074	0.33	15.7	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	9.76	8.50	17.99	9.49	0.9074	0.38	3.3	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation	Depth to LNAPL	Depth to Water	LNAPL Thickness	Specific Gravity	Corrected GW Elevation	PID Reading	pH	Temp- erature	Conductivity	Oxidation- Reduction Potential	Dissolved Oxygen	Turbidity	Salinity	
		(feet)	(feet)	(feet)	(feet)	(g/cm3)	(feet)	(ppmv)	(s.u.)	(°C)	(mS/cm)	(mV)	(mg/L)	(ntu)	(ppt)	
MW-10 (3-13)	4/7/2009	10.56	ND	8.74	ND	NA	1.82	1.8	6.90	12.32	0.478	-143	0.0	95.4	0.02	
	4/17/2009	10.56	ND	8.64	ND	NA	1.92	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	10.56	ND	8.10	ND	NA	2.46	0.0	6.94	18.44	0.54	-135	5.47	0.0	NM	
	10/26/2009	10.56	ND	8.20	ND	NA	2.36	NM	6.71	17.93	0.78	-180	0.00	5.50	0.04	
	1/22/2010	10.56	ND	8.63	ND	NA	1.93	0.0	6.51	14.69	1.54	-196	0.70	3.70	0.08	
	4/21/2010	10.56	ND	8.28	ND	NA	2.28	0.0	6.78	15.04	1.25	201	0.24	46.0	0.00	
	7/19/2010	10.56	ND	8.47	ND	NA	2.09	0.0	5.78	18.34	0.91	-54	3.62***	1.6	0.02	
MW-11 (2-17)	4/7/2009	6.98	ND	5.73	ND	NA	1.25	0.0	4.62	10.54	29.6	-242	0.00	77.1	NM	
	4/17/2009	6.98	ND	8.72	ND	NA	-1.74	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.98	ND	7.98	ND	NA	-1.00	0.0	6.87	18.76	26.60	-221	5.49	6.9	NM	
	10/26/2009	6.98	ND	8.15	ND	NA	-1.17	NM	6.71	17.88	30.90	-291	0.00	0.00	1.94	
	4/21/2010	6.98	ND	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well destroyed
MW-12 (2-16)	4/7/2009	6.67	ND	8.26	ND	NA	-1.59	0.0	NM	NM	NM	NM	NM	NM	NM	
	4/17/2009	6.67	8.40	8.41	0.01	0.91**	-1.73	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	6.67	ND	NM	ND	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	6.67	7.81	7.95	0.14	0.91**	-1.15	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	6.67	ND	7.96	ND	NA	-1.29	2.0	NM	NM	NM	NM	NM	NM	NM	Sheen observed
	7/19/2010	6.67	ND	NM	ND	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well destroyed
MW-13 (1-8)	4/7/2009	7.82	ND	NM	NM	NA	NM	0.0	8.43	9.68	1.14	-155	0.00	102	0.05	
	4/17/2009	7.82	ND	3.64	ND	NA	4.18	NM	NM	NM	NM	NM	NM	NM	NM	
	7/29/2009	7.82	ND	3.51	ND	NA	4.31	0.0	7.22	20.84	1.40	-131	4.18	0.0	NM	
	10/26/2009	7.82	ND	3.59	ND	NA	4.23	NM	6.87	15.90	1.34	-76	0.0	10.50	0.07	
	4/21/2010	7.82	ND	3.70	ND	NA	4.12	0.0	7.34	12.31	1.40	-166	0.00	2.70	0.10	
	7/19/2010	7.82	ND	NM	ND	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well inaccessible
MW-14 (7.5-27.5)	7/29/2009	22.92	20.65	26.80	6.15	0.9086	1.71	10.9	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	22.92	21.31	26.50	5.19	0.9086	1.14	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	22.92	20.67	23.33	2.66	0.9086	2.01	4.7	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	22.92	20.91	26.81	5.90	0.9086	1.47	0.4	NM	NM	NM	NM	NM	NM	NM	
MW-15 (5.5-20.5)	7/29/2009	13.05	ND	10.59	ND	NA	2.46	0.0	7.05	19.48	0.78	-104	0.32	786	NM	
	10/26/2009	13.05	ND	11.32	ND	NA	1.73	NM	6.41	13.60	216.00	-138	8.11	990	0.10	
	4/21/2010	13.05	ND	10.79	ND	NA	2.26	0.2	7.08	15.02	1.12	-161	0.00	41.50	0.10	
	7/19/2010	13.05	ND	11.02	ND	NA	2.03	NM	6.19	17.25	0.96	-107	2.44***	6.30	0.03	
MW-16 (10.5-30.5)	7/29/2009	24.12	20.91	21.00	0.09	0.91**	3.20	0.2	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	24.12	21.25	21.27	0.02	0.91**	2.87	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	24.12	20.06	20.07	0.01	0.91**	4.06	1.2	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	24.12	ND	20.70	ND	0.91**	3.42	0.0	5.55	16.23	0.90	-75.00	1.02***	31.40	0.02	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation	Depth to LNAPL	Depth to Water	LNAPL Thickness	Specific Gravity	Corrected GW Elevation	PID Reading	pH	Temp- erature (°C)	Conductivity (mS/cm)	Oxidation- Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (ntu)	Salinity (ppt)	
MW-17 (8.5-25.5)	7/29/2009	16.81	14.76	22.20	7.44	0.9122	1.40	3.5	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	16.81	15.44	23.0	7.56	0.9122	0.71	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	16.81	15.53	17.22	1.69	0.9122	1.13	1.6	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	16.81	15.03	20.91	5.88	0.9122	1.26	0.9	NM	NM	NM	NM	NM	NM	NM	
MW-18 (17.5-37.5)	9/24/2009	23.55	ND	20.92	ND	NA	2.63	NM	6.50	27.67	1.98	-144	0.40	33.50	NM	
	10/26/2009	23.55	ND	21.32	ND	NA	2.23	NM	6.59	14.84	1.63	-126	0.0	159	0.08	
	4/21/2010	23.55	ND	19.97	ND	NA	3.58	1.9	7.63	15.92	1.73	-212	0.00	60.00	0.10	
	7/19/2010	23.55	20.62	20.67	0.05	0.91**	2.88	NM	NM	NM	NM	NM	NM	NM	NM	
MW-19 (11.5-31.5)	9/24/2009	24.85	21.95	22.55	0.60	0.9087	2.85	NM	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	24.85	22.00	23.05	1.05	0.9087	2.75	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	24.85	20.86	21.55	0.69	0.9087	3.93	8.6	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	24.85	21.42	22.01	0.59	0.9087	3.38	15.0	NM	NM	NM	NM	NM	NM	NM	
MW-20 (9.5-29.5)	7/29/2009	28.63	ND	21.03	ND	NA	7.60	0.1	6.93	19.35	1.43	-94	0.00	189	NM	
	10/26/2009	28.63	ND	21.61	ND	NA	7.02	NM	6.24	16.43	1.14	0.44	0.00	83.20	0.06	
	4/21/2010	28.63	ND	18.07	ND	NA	10.56	0.3	6.75	14.70	3.33	-13.0	0.00	34.30	0.20	
	7/19/2010	28.63	ND	16.53	ND	NA	12.10	0.0	5.98	16.23	1.76	-25.0	4.72***	21.70	0.05	
MW-21 (10.5-25.5)	7/29/2009	16.63	ND	14.37	ND	NA	2.26	0.0	6.96	18.45	1.22	190	4.93	17.8	NM	
	10/26/2009	16.63	ND	14.10	ND	NA	2.53	NM	6.61	5.76	1.07	144	1.07	12.70	0.05	
	4/21/2010	16.63	ND	13.79	ND	NA	2.84	1.4	6.63	13.81	1.16	68	5.20	1.60	0.10	
	7/19/2010	16.63	ND	14.19	ND	NA	2.44	0.0	6.16	15.76	1.24	301	2.5***	30.30	0.04	
MW-22 (14.5-34.5)	7/29/2009	29.36	25.79	27.20	1.41	0.9092	3.44	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	29.36	26.15	28.40	2.25	0.9092	3.01	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	29.36	NM	NM	NM	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible
	7/19/2010	29.36	25.47	26.97	1.50	0.9092	3.75	1.1	NM	NM	NM	NM	NM	NM	NM	
MW-23 (10.5-24.5)	7/29/2009	19.05	17.09	23.85	6.76	0.9094	1.35	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	19.05	17.76	23.82	6.06	0.9094	0.74	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	19.05	17.57	22.36	4.79	0.9094	1.05	15.9	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	19.05	17.40	23.81	6.41	0.9094	1.07	0.4	NM	NM	NM	NM	NM	NM	NM	

TABLE 2
GROUNDWATER GAUGING AND FIELD PARAMETERS SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Well ID (screen Interval)	Date	Gauging Data						Field Parameters								Comments
		Top of Casing Elevation	Depth to LNAPL	Depth to Water	LNAPL Thickness	Specific Gravity	Corrected GW Elevation	PID Reading	pH	Temp- erature	Conductivity	Oxidation- Reduction Potential	Dissolved Oxygen	Turbidity	Salinity	
MW-24 (5.5-25.5)	7/29/2009	17.56	15.20	24.10	8.90	0.9034	1.50	0.0	NM	NM	NM	NM	NM	NM	NM	
	10/26/2009	17.56	15.79	24.25	8.46	0.9034	0.95	NM	NM	NM	NM	NM	NM	NM	NM	
	4/21/2010	17.56	15.10	22.60	7.50	0.9034	1.74	3.1	NM	NM	NM	NM	NM	NM	NM	
	7/19/2010	17.56	15.12	24.03	8.91	0.9034	1.58	0.4	NM	NM	NM	NM	NM	NM	NM	

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

ppt - parts per thousand

s.u. - standard units

* - equipment malfunction

** - estimated value based on surrounding wells

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

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

Date on table may not reflect actual measurement date

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2010 through July 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-2 (2-17)	03/08/10	Pas. Bailer	0.89**	7.60	9.49	1.89	7.00	9.02	2.02	0.50	0.00	0.50	
	03/15/10	Port. Pump	0.89**	3.00	5.58	2.58	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	04/01/10	Port. Pump	0.89**	4.11	6.8	2.69	NA	NA	NA	0.00	0.00	0.00	
	04/05/10	Port. Pump	0.89**	6.71	9.39	2.68	8.28	8.3	0.02	2.00	0.50	2.50	
	04/12/10	Port. Pump	0.89**	6.56	7.45	0.89	7.28	7.45	0.17	1.00	0.25	1.25	
	04/20/10	NA	0.89**	6.34	6.84	0.50	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	04/29/10	NA	0.89**	4.76	5.45	0.69	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	05/05/10	Port. Pump	0.89**	6.82	7.82	1.00	7.54	7.64	0.10	1.00	0.00	1.00	
	05/10/10	NA	0.89**	7.42	7.8	0.38	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	05/17/10	Port. Pump	0.89**	5.89	6.49	0.60	7.50	7.52	0.02	2.00	0.00	2.00	
	05/24/10	NA	0.89**	5.66	5.96	0.30	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/02/10	Port. Pump	0.89**	6.25	6.73	0.48	6.82	7.03	0.21	0.25	0.00	0.25	
	06/07/10	Port. Pump	0.89**	7.44	7.81	0.37	8.29	8.31	0.02	1.25	0.00	1.25	
	06/14/10	NA	0.89**	4.67	4.89	0.22	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/24/10	NA	0.89**	5.80	6.11	0.31	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/30/10	NA	0.89**	5.71	6.06	0.35	6.05	6.08	0.03	1.25	0.00	1.25	
	07/06/10	Port. Pump	0.89**	7.45	7.83	0.38	ND	8.13	0.00	0.75	0.25	1.00	
	07/12/10	NA	0.89**	4.34	4.47	0.13	NA	NA	NA	0.00	0.25	0.25	
	07/19/10	Port. Pump	0.89**	7.49	7.73	0.24	7.62	7.64	0.02	1.00	0.00	1.00	
	07/26/10	NA	0.89**	5.30	5.41	0.11	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
MW-3 (3-18)	04/01/10	NA	0.9368	7.06	NM	NM	NA	NA	NA	0.00	0.00	0.00	LNAPL too viscous to measure
MW-4S (4-9)	12/29/2009	G&B	0.8908	6.31	7.16	0.85	6.42	7.17	0.75	3.00	0.00	3.00	
	1/8/2010	G&B	0.8908	6.25	7.04	0.79	6.36	6.88	0.52	3.00	0.00	3.00	
	1/14/2010	G&B	0.8908	6.4	7.04	0.64	6.43	7.21	0.78	2.50	0.00	2.50	
	1/28/2010	G&B	0.8908	6.51	7.30	0.79	6.60	6.8	0.20	3.50	0.00	3.50	
	2/3/2010	G&B	0.8908	6.43	7.13	0.70	6.48	7.42	0.94	4.00	0.00	4.00	
	2/9/2010	G&B	0.8908	6.47	7.27	0.80	6.50	7.4	0.90	3.00	0.00	3.00	
	2/15/2010	Port. Pump	0.8908	6.47	7.20	0.73	6.65	6.75	0.10	4.00	0.00	4.00	
	2/25/2010	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0.00	0.00	Not gauged due to snow
	3/8/2010	Port. Pump	0.8908	5.93	6.52	0.59	5.97	6.43	0.46	2.00	0.00	2.00	
	3/15/2010	Port. Pump	0.8908	5.79	6.30	0.51	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	3/23/2010	Port. Pump	0.8908	5.71	6.17	0.46	5.79	6.00	0.21	1.50	1.00	2.50	
	4/1/2010	Port. Pump	0.8908	5.70	6.16	0.46	5.76	5.78	0.02	1.50	0.50	2.00	
	4/5/2010	Port. Pump	0.8908	5.72	6.20	0.48	5.78	5.89	0.11	1.00	0.75	1.75	
	4/12/2010	Port. Pump	0.8908	5.75	6.50	0.75	6.80	7.20	0.40	0.75	0.25	1.00	
	4/20/2010	Port. Pump	0.8908	5.80	6.48	0.68	5.86	6.04	0.18	0.75	0.00	0.75	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2010 through July 2010

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-4S (4-9) Continued	4/29/2010	NA	0.8908	5.81	6.31	0.50	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	5/5/2010	Port. Pump	0.8908	5.85	6.55	0.70	5.96	6.19	0.23	1.50	0.00	1.50	
	5/10/2010	Port. Pump	0.8908	5.95	6.65	0.70	6.00	6.15	0.15	0.75	0.00	0.75	
	5/17/2010	Port. Pump	0.8908	6.02	6.75	0.73	6.10	6.22	0.12	1.75	0.25	2.00	
	5/24/2010	Port. Pump	0.8908	6.07	6.86	0.79	6.15	6.23	0.08	2.00	0.00	2.00	
	6/2/2010	Port. Pump	0.8908	6.13	6.92	0.79	6.19	6.66	0.47	2.00	0.00	2.00	
	6/7/2010	Port. Pump	0.8908	6.15	6.95	0.80	6.23	6.27	0.04	2.00	0.00	2.00	
	6/14/2010	Port. Pump	0.8908	6.20	7.00	0.80	6.30	6.47	0.17	1.25	0.00	1.25	
	6/24/2010	Port. Pump	0.8908	6.19	6.93	0.74	6.23	6.25	0.02	1.50	0.00	1.50	
	6/30/2010	Port. Pump	0.8908	6.21	7.01	0.80	6.40	6.53	0.13	2.00	0.00	2.00	
	7/6/2010	Port. Pump	0.8908	6.21	7.13	0.92	6.40	6.86	0.46	1.00	0.00	1.00	
	7/12/2010	Port. Pump	0.8908	6.38	7.23	0.85	6.45	6.87	0.42	1.25	0.00	1.25	
MW-5 (13-21)	7/19/2010	Port. Pump	0.8908	6.34	7.22	0.88	6.41	6.61	0.20	1.00	0.00	1.00	
	7/26/2010	Port. Pump	0.8908	6.42	7.25	0.83	6.53	6.64	0.11	1.50	0.00	1.50	
	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	
	2/3/2010	G&B	0.8952	8.75	19.41	10.66	11.30	12.8	1.50	18.00	0.00	18.00	
	2/9/2010	G&B	0.8952	8.73	19.25	10.52	11.61	13.35	1.74	14.00	0.00	14.00	
	2/15/2010	Port. Pump	0.8952	9.21	18.77	9.56	9.75	12.75	3.00	15.00	0.00	15.00	
	2/25/2010	Port. Pump	0.8952	9.80	18.00	8.20	9.24	14.65	5.41	10.00	0.00	10.00	
	3/4/2010	Port. Pump	0.8952	8.70	18.65	9.95	NM	NM	NM	0.75	0.00	0.75	
	3/8/2010	Port. Pump	0.8952	7.89	19.57	11.68	8.23	17.77	9.54	5.00	0.00	5.00	
	3/15/2010	Port. Pump	0.8952	7.46	19.41	11.95	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	3/23/2010	Port. Pump	0.8952	7.44	21.11	13.67	9.92	11.3	1.38	18.00	0.00	18.00	
	4/1/2010	Port. Pump	0.8952	7.70	19.24	11.54	9.88	10.99	1.11	13.00	0.00	13.00	
	4/5/2010	Port. Pump	0.8952	7.50	19.70	12.20	10.15	10.68	0.53	14.00	0.50	14.50	
	4/12/2010	Port. Pump	0.8952	7.44	18.60	11.16	9.90	10.43	0.53	13.50	0.00	13.50	
	4/20/2010	Port. Pump	0.8952	7.17	19.20	12.03	9.52	10.49	0.97	14.00	0.00	14.00	
	4/29/2010	Port. Pump	0.8952	7.18	19.13	11.95	9.89	10.6	0.71	13.00	0.00	13.00	
	5/5/2010	Port. Pump	0.8952	7.15	19.40	12.25	9.56	11.05	1.49	14.00	0.00	14.00	
	5/10/2010	Port. Pump	0.8952	7.47	18.70	11.23	9.52	12.47	2.95	9.00	0.00	9.00	
	5/17/2010	Port. Pump	0.8952	7.41	19.80	12.39	8.22	15.1	6.88	9.50	0.00	9.50	
	5/24/2010	Port. Pump	0.8952	7.15	19.32	12.17	8.95	11.92	2.97	13.50	0.00	13.50	
	6/2/2010	Port. Pump	0.8952	7.22	20.02	12.80	9.40	11.71	2.31	14.00	0.00	14.00	
	6/7/2010	Port. Pump	0.8952	7.05	19.41	12.36	9.62	11.92	2.30	14.00	0.00	14.00	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2010 through July 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-5 (13-21) Continued	6/14/2010	Port. Pump	0.8952	7.35	19.72	12.37	9.63	10.85	1.22	15.00	0.00	15.00	
	6/24/2010	Port. Pump	0.8952	7.01	19.65	12.64	9.51	10.89	1.38	14.00	0.00	14.00	
	6/30/2010	Port. Pump	0.8952	7.19	18.79	11.60	9.29	10.93	1.64	13.00	0.00	13.00	
	7/6/2010	Port. Pump	0.8952	6.92	19.35	12.43	9.40	10.42	1.02	13.00	0.00	13.00	
	7/12/2010	Port. Pump	0.8952	6.80	18.97	12.17	12.17	13.5	1.33	13.50	0.00	13.50	
	7/19/2010	Port. Pump	0.8952	6.94	19.60	12.66	9.12	9.81	0.69	15.00	0.00	15.00	
	7/26/2010	Port. Pump	0.8952	7.31	19.00	11.69	9.90	11.26	1.36	13.00	0.00	13.00	
MW-6 (18-23)	03/15/10	Port. Pump	0.8944	8.36	18.04	9.68	NA	NA	NA	0.00	0.00	0.00	Equipment Malfunction
	03/23/10	Port. Pump	0.8944	NM	NM	NM	16.80	17.5	0.70	6.00	0.00	6.00	
	04/01/10	Port. Pump	0.8944	9.07	12.95	3.88	13.11	13.35	0.24	3.00	0.50	3.50	
	04/05/10	Port. Pump	0.8944	9.12	10.41	1.29	10.97	11	0.03	0.00	0.00	0.00	
	04/12/10	Port. Pump	0.8944	9.09	9.5	0.41	NA	NA	NA	0.00	0.00	0.00	
	04/20/10	NA	0.8944	8.75	9.25	0.50	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	04/29/10	NA	0.8944	8.74	9.35	0.61	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	05/05/10	NA	0.8944	8.67	9.23	0.56	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	05/10/10	NA	0.8944	8.99	9.71	0.72	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	05/17/10	NA	0.8944	8.97	9.69	0.72	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	05/24/10	NA	0.8944	5.85	6.88	1.03	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/02/10	NA	0.8944	8.89	9.59	0.70	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/07/10	NA	0.8944	9.07	9.82	0.75	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/14/10	NA	0.8944	9.07	9.98	0.91	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/24/10	NA	0.8944	8.81	9.89	1.08	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	06/30/10	NA	0.8944	9.05	10.39	1.34	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	07/06/10	NA	0.8944	8.83	10.25	1.42	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	07/12/10	NA	0.8944	8.80	10.31	1.51	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	07/19/10	NA	0.8944	8.73	10.34	1.61	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
	07/26/10	NA	0.8944	9.10	10.01	0.91	NA	NA	NA	0.00	0.00	0.00	No recovery to allow for recharge
MW-7 (1-15)	03/15/10	Pas. Bailer	0.9129	4.43	4.44	0.01	NA	NA	NA	0.00	0.00	0.00	
	04/01/10	Pas. Bailer	0.9129	5.92	5.93	0.01	NA	NA	NA	0.00	0.00	0.00	<1-inch LNAPL in passive bailer
	04/12/10	Pas. Bailer	0.9129	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	
	05/05/10	Pas. Bailer	0.9129	NM	NM	NM	NA	NA	NA	0.00	0.00	0.00	<1-inch LNAPL in passive bailer
	05/10/10	Pas. Bailer	0.9129	6.94	7.44	0.50	NA	NA	NA	0.00	0.00	0.00	Sampled for characterization
	05/24/10	NA	0.9129	6.39	7.26	0.87	NA	NA	NA	0.00	0.00	0.00	
	06/02/10	NA	0.9129	6.80	7.84	1.04	NA	NA	NA	0.00	0.00	0.00	
	06/07/10	NA	0.9129	7.55	8.94	1.39	NA	NA	NA	0.00	0.00	0.00	
	06/14/10	NA	0.9129	5.01	5.46	0.45	NA	NA	NA	0.00	0.00	0.00	
	06/24/10	NA	0.9129	5.95	6.81	0.86	NA	NA	NA	0.00	0.00	0.00	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2010 through July 2010

WELL ID	DATE	LNAPL RECOVERY METHOD	SPECIFIC GRAVITY (g/cm ³)	BEFORE LNAPL RECOVERY			AFTER LNAPL RECOVERY			LNAPL RECOVERED (Gallons)	WATER RECOVERED (Gallons)	TOTAL LIQUID RECOVERED (Gallons)	COMMENTS
				DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)	DEPTH TO LNAPL (Feet)	DEPTH TO WATER (Feet)	LNAPL THICKNESS (Feet)				
MW-7 (1-15) Continued	06/30/10	NA	0.9129	5.51	6.12	0.61	NA	NA	NA	0.00	0.00	0.00	
	07/06/10	NA	0.9129	7.69	9.4	1.71	NA	NA	NA	0.00	0.00	0.00	
	07/19/10	NA	0.9129	8.00	9.66	1.66	NA	NA	NA	0.00	0.00	0.00	
	07/26/10	NA	0.9129	5.44	6.36	0.92	NA	NA	NA	0.00	0.00	0.00	
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	
	2/3/2010	G&B	0.9074	10.32	17.90	7.58	14.50	17	2.50	20.00	0.00	20.00	
	2/9/2010	G&B	0.9074	10.61	17.20	6.59	14.00	16.7	2.70	15.00	0.00	15.00	
	2/15/2010	Port. Pump	0.9074	9.95	18.00	8.05	10.50	16.5	6.00	14.00	0.00	14.00	
	2/25/2010	Port. Pump	0.9074	10.15	17.81	7.66	10.00	15.55	5.55	8.00	0.00	8.00	
	3/4/2010	Port. Pump	0.9074	8.39	17.77	9.38	9.13	17.4	8.27	7.00	0.00	7.00	
	3/8/2010	Port. Pump	0.9074	9.20	17.80	8.60	10.05	15.05	5.00	13.00	0.00	13.00	
	3/15/2010	Port. Pump	0.9074	8.57	17.50	8.93	8.77	17.31	8.54	3.50	0.00	3.50	Equipment Malfunction
	3/23/2010	Port. Pump	0.9074	8.83	17.75	8.92	11.42	19.3	7.88	17.00	0.00	17.00	
	4/1/2010	Port. Pump	0.9074	9.10	17.48	8.38	10.86	12.75	1.89	20.00	0.00	20.00	
	4/5/2010	Port. Pump	0.9074	9.04	17.80	8.76	10.19	12.75	2.56	15.00	0.00	15.00	
	4/12/2010	Port. Pump	0.9074	9.00	17.72	8.72	10.90	12.84	1.94	22.00	0.00	22.00	
	4/20/2010	Port. Pump	0.9074	8.95	16.86	7.91	10.95	12.7	1.75	23.00	0.00	23.00	
	4/29/2010	Port. Pump	0.9074	8.97	17.81	8.84	10.37	14.55	4.18	25.00	0.00	25.00	
	5/5/2010	Port. Pump	0.9074	8.82	17.80	8.98	10.81	14.91	4.10	22.00	0.00	22.00	
	5/10/2010	Port. Pump	0.9074	9.11	16.95	7.84	10.84	11.5	0.66	20.00	0.00	20.00	
	5/17/2010	Port. Pump	0.9074	9.24	17.90	8.66	9.80	14.85	5.05	9.00	0.00	9.00	Pump malfunction
	5/24/2010	Port. Pump	0.9074	8.73	18.03	9.30	9.52	17.31	7.79	15.00	0.00	15.00	
	6/2/2010	Port. Pump	0.9074	8.91	17.56	8.65	9.56	14.85	5.29	20.00	0.00	20.00	
	6/7/2010	Port. Pump	0.9074	9.03	18.04	9.01	10.12	13.74	3.62	21.00	0.00	21.00	
	6/14/2010	Port. Pump	0.9074	9.09	17.60	8.51	10.80	12.04	1.24	21.00	0.00	21.00	
	6/24/2010	Port. Pump	0.9074	8.56	17.86	9.30	11.21	12.5	1.29	18.00	0.00	18.00	
	6/30/2010	Port. Pump	0.9074	8.85	17.20	8.35	10.35	11.55	1.20	20.00	0.00	20.00	
	7/6/2010	Port. Pump	0.9074	8.46	17.81	9.35	9.33	12.21	2.88	20.00	0.00	20.00	
	7/12/2010	Port. Pump	0.9074	8.46	17.91	9.45	10.60	10.99	0.39	15.00	0.00	15.00	
	7/19/2010	Port. Pump	0.9074	8.50	17.99	9.49	9.48	10.74	1.26	25.00	0.00	25.00	
	7/26/2010	Port. Pump	0.9074	8.75	17.72	8.97	10.30	12.76	2.46	19.00	0.00	19.00	

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2010 through July 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-14 (7.5-27.5)	5/3/2010	Pnem. Pump	0.9086	20.72	26.65	5.93	22.20	22.35	0.15	7.30	0.00	7.30	
	5/28/2010	Port. Pump	0.9086	20.78	25.75	4.97	23.00	24.08	1.08	6.00	0.00	6.00	
	6/3/2010	Port. Pump	0.9086	20.80	26.55	5.75	22.65	24.29	1.64	6.50	0.00	6.50	
	6/8/2010	Port. Pump	0.9086	21.15	26.55	5.40	23.30	23.5	0.20	5.50	0.00	5.50	
	6/15/2010	Port. Pump	0.9086	21.20	26.80	5.60	23.30	24	0.70	5.00	0.50	5.50	
	6/25/2010	Port. Pump	0.9086	21.15	24.86	3.71	23.20	24.85	1.65	5.50	0.00	5.50	
	7/1/2010	Port. Pump	0.9086	21.10	25.83	4.73	23.17	24.58	1.41	5.00	0.00	5.00	
	7/7/2010	Port. Pump	0.9086	20.85	26.71	5.86	22.79	24.03	1.24	5.00	0.00	5.00	
	7/13/2010	Port. Pump	0.9086	20.85	26.61	5.76	23.00	23.65	0.65	5.50	0.00	5.50	
MW-16 (10.5-30.5)	7/23/2010	Port. Pump	0.9086	20.94	26.10	5.16	23.00	24.08	1.08	5.00	0.00	5.00	
	7/27/2010	Port. Pump	0.9086	21.20	26.92	5.72	23.50	24.09	0.59	5.00	0.00	5.00	
	6/3/2010	NA	0.91**	21.30	21.31	0.01	NA	NA	NA	0.00	0.00	0.00	
	6/8/2010	NA	0.91**	20.48	20.50	0.02	NA	NA	NA	0.00	0.00	0.00	
	6/15/2010	NA	0.91**	20.59	20.61	0.02	NA	NA	NA	0.00	0.00	0.00	
	6/25/2010	NA	0.91**	ND	20.61	ND	NA	NA	NA	0.00	0.00	0.00	
	7/1/2010	NA	0.91**	ND	20.69	ND	NA	NA	NA	0.00	0.00	0.00	
	7/7/2010	NA	0.91**	ND	20.63	ND	NA	NA	NA	0.00	0.00	0.00	
	7/13/2010	NA	0.91**	ND	20.65	ND	NA	NA	NA	0.00	0.00	0.00	
MW-17 (8.5-25.5)	7/23/2010	NA	0.91**	ND	20.95	ND	NA	NA	NA	0.00	0.00	0.00	
	7/27/2010	NA	0.91**	ND	20.84	ND	NA	NA	NA	0.00	0.00	0.00	
	4/19/2010	Port. Pump	0.9122	15.43	20.58	5.15	19.33	19.85	0.52	1.20	0.00	1.20	
	4/27/2010	Spill Buster	0.9122	15.45	18.20	2.75	15.70	15.84	0.14	1.20	0.00	1.20	
	5/11/2010	EFR	0.9122	15.56	21.30	5.74	16.70	16.71	0.01	20.00	0.00	20.00	
	5/28/2010	Port. Pump	0.9122	15.29	20.80	5.51	16.35	17.71	1.36	1.00	0.00	1.00	
	6/3/2010	Port. Pump	0.9122	15.21	20.30	5.09	17.30	20.02	2.72	1.00	0.00	1.00	Silt clogged pump screen
	6/8/2010	Port. Pump	0.9122	15.50	21.50	6.00	18.55	20.7	2.15	1.50	0.00	1.50	
	6/15/2010	Port. Pump	0.9122	15.56	21.55	5.99	17.57	21.5	3.93	1.00	0.00	1.00	
	6/25/2010	Port. Pump	0.9122	15.40	21.51	6.11	17.41	21.6	4.19	1.00	0.00	1.00	
	7/1/2010	Port. Pump	0.9122	15.35	21.05	5.70	19.55	22.01	2.46	1.00	0.00	1.00	
	7/7/2010	Port. Pump	0.9122	15.18	20.35	5.17	17.51	19.58	2.07	1.00	0.00	1.00	
MW-19 (11.5-31.5)	7/13/2010	Port. Pump	0.9122	15.12	20.26	5.14	19.50	20.61	1.11	1.50	0.00	1.50	
	7/23/2010	Port. Pump	0.9122	15.10	21.98	6.88	19.70	20.97	1.27	1.50	0.00	1.50	
	7/27/2010	Port. Pump	0.9122	15.25	22.05	6.80	19.30	21.98	2.68	1.00	0.00	1.00	
	6/3/2010	Port. Pump	0.9087	21.10	22.15	1.05	21.15	21.5	0.35	0.50	0.50	1.00	
	6/8/2010	Port. Pump	0.9087	21.25	22.10	0.85	21.30	21.75	0.45	0.75	0.00	0.75	
MW-22 (14.5-34.5)	6/15/2010	Port. Pump	0.9087	21.29	21.98	0.69	21.35	21.93	0.58	1.00	0.50	1.50	
	6/25/2010	NA	0.9087	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible
	7/7/2010	Port. Pump	0.9087	21.45	23.46	2.01	21.53	21.86	0.33	0.75	0.00	0.75	
MW-22 (14.5-34.5)	6/24/2010	NA	0.9092	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible

TABLE 3
LNAPL RECOVERY SUMMARY

Former Pratt Oil Works
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April 2010 through July 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-23 (10.5-24.5)	6/3/2010	Port. Pump	0.9094	17.49	23.04	5.55	20.60	21.2	0.60	0.75	0.25	1.00	
	6/8/2010	Port. Pump	0.9094	17.60	23.80	6.20	22.31	22.89	0.58	2.00	0.00	2.00	
	6/14/2010	Port. Pump	0.9094	17.89	23.90	6.01	19.01	22.72	3.71	1.50	0.00	1.50	
	6/25/2010	Port. Pump	0.9094	17.78	23.70	5.92	20.01	23.51	3.50	1.75	0.00	1.75	
	7/1/2010	Port. Pump	0.9094	17.71	23.73	6.02	22.95	23.2	0.25	2.00	0.00	2.00	
	7/7/2010	Port. Pump	0.9094	17.48	23.59	6.11	21.23	23	1.77	1.00	0.00	1.00	
	7/13/2010	Port. Pump	0.9094	17.42	23.55	6.13	20.70	21.96	1.26	1.25	0.00	1.25	
	7/23/2010	Port. Pump	0.9094	17.90	23.51	5.61	20.50	21.12	0.62	1.50	0.00	1.50	
	7/27/2010	Port. Pump	0.9094	17.65	23.71	6.06	20.65	22.47	1.82	1.00	0.00	1.00	
MW-24 (5.5-25.5)	4/19/2010	Port. Pump	0.9034	15.19	24.00	8.81	16.07	16.52	0.45	9.00	0.00	9.00	
	4/28/2010	Spill Buster	0.9034	15.00	22.81	7.81	15.78	15.89	0.11	17.00	0.00	17.00	
	5/4/2010	Pnem. Pump	0.9034	15.11	23.89	8.78	15.90	16.1	0.20	17.43	0.00	17.43	
	5/18/2010	EFR	0.9034	15.31	24.35	9.04	16.02	16.12	0.10	76.00	0.00	76.00	
	5/28/2010	NA	0.9034	15.10	23.65	8.55	NA	NA	NA	0.00	0.00	0.00	Pump malfunction
	6/3/2010	Port. Pump	0.9034	15.17	24.51	9.34	16.10	16.55	0.45	14.00	0.00	14.00	
	6/8/2010	Port. Pump	0.9034	15.47	24.32	8.85	16.50	17.08	0.58	9.50	0.00	9.50	
	6/15/2010	Port. Pump	0.9034	15.54	24.31	8.77	16.47	17.2	0.73	12.00	0.00	12.00	
	6/25/2010	Port. Pump	0.9034	15.31	22.67	7.36	16.31	16.79	0.48	6.00	0.00	6.00	
	7/1/2010	Port. Pump	0.9034	15.32	23.50	8.18	16.21	16.43	0.22	12.00	0.00	12.00	
	7/7/2010	Port. Pump	0.9034	15.15	24.63	9.48	16.10	16.9	0.80	9.00	0.00	9.00	
	7/13/2010	Port. Pump	0.9034	15.10	24.12	9.02	16.10	17.06	0.96	10.00	0.00	10.00	
	7/23/2010	Port. Pump	0.9034	15.24	23.97	8.73	16.15	16.8	0.65	12.00	0.00	12.00	
	7/27/2010	Port. Pump	0.9034	15.50	24.32	8.82	16.42	17.11	0.69	12.00	0.00	12.00	
TOTALS:										1,365.32	6.75	1,372.07	

Notes:

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

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
MW-1(6-18)	4/7/2009	<10	33.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/29/2009	<10	27.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/26/2009	<10	34.5	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/20/2010	<10	27.2	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/23/2010	<10	33.5	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	04/23/2010*FD	<10	34.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/21/2010	<10	26.6	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	07/21/2010*FD	<10	26.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	812 J	<50 J	<250 J	<50 J	<200 J	<100 J	<500 J	<100 J	<50 J	<50 J	<50 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	298	9.8	<5.0	<1.0	<4.0	<2.0	96.5	1.7 J	<1.0	1.2	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	39.7 J	6.0	<25	<5.0	<20	<10	10.8 J	<10	<5.0	<5.0	<5.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	1/26/2010	<10	21.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1170
	01/26/2010*FD	<10	21.3	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1170
	4/26/2010	<10	20.9	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1120
	7/21/2010	<100	27.2	<50	<10	<40	<20	<100	<20	<10	<10	1240

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Chloroform	Chloro-methane	Cyclo-hexane	1,2-Dibromo-3-Chloropropane	Dibromo-chloro-methane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<1.0	<1.0	4.1 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	29.7
	7/29/2009	<1.0	<1.0	3.2 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	27.4
	10/26/2009	<1.0	<1.0	2.9 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	41.0
	1/20/2010	<1.0	<1.0	2.6 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	28.7
	4/23/2010	<1.0	<1.0	3.0 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	23.5
	04/23/2010*FD	<1.0	<1.0	3.1 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	22.9
	7/21/2010	<1.0	<1.0	3.0 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	26.9
	07/21/2010*FD	<1.0	<1.0	3.1 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	27.7
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	4/29/2009	<50 J	<50 J	<250 J	<500 J	<50 J	<100 J	<50 J	<50	<50 J	<250 J	<50 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	6.7	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	8.3
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	3.8 J	<5.0	<25	<50	<5.0	<10	<5.0	<5.0	<5.0	<25	7.6
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13-18)	10/29/2009	<1.0	<1.0	9.4	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/26/2010	<1.0	<1.0	16.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	01/26/2010*FD	<1.0	<1.0	16.4	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/26/2010	<1.0	0.32 J	11.5	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/21/2010	<10	<10	<50	<100	<10	<20	<10	<10	<10	<50	<10

TABLE 4
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Sample ID	Date	1,2-Dichloro-ethane (EDC)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	1,4-Dioxane	Ethyl-benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	<1.0	<1.0	6.8	0.87 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/29/2009	<1.0	<1.0	20.9	1.4	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/26/2009	<1.0	<1.0	28.0	1.8	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/20/2010	<1.0	<1.0	15.1	1.2	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	3.6	0.65 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	04/23/2010*FD	<1.0	<1.0	3.4	0.58 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	3.3	0.69 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-2(2-17)	07/21/2010*FD	<1.0	<1.0	3.7	0.81 J	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/29/2009	<50 J	<50 J	<50 J	<50 J	<50 J	<50 J	<50 J	<6300 J	<50 J	<250 J	<250 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	17.2	<1.0	81.1	1.7	<1.0	<1.0	<1.0	<130	1.9	<5.0	7.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	7/22/2010	16.2	<5.0	61.2	1.7 J	<5.0	<5.0	<5.0	<630	1.9 J	<25	<25
	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13-18)	10/29/2009	<1.0	<1.0	0.25 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.41 J	<5.0	<5.0
	01/26/2010*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.41 J	<5.0	<5.0
	4/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.30 J	<5.0	<5.0
	7/21/2010	<10	<10	<10	<10	<10	<10	<10	<1300	<10	<50	<50

TABLE 4
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Sample ID	Date	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-1(6-18)	4/7/2009	2.2	<5.0 J	5.8	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.33 J	<5.0	<5.0
	7/29/2009	1.9 J	<5.0	4.7 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/26/2009	1.6 J	<5.0	4.6 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/20/2010	1.5 J	<5.0	5.1	<1.0	5.5	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	1.9 J	<5.0	4.9 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	04/23/2010*FD	1.9 J	<5.0	4.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/21/2010	1.9 J	<5.0	3.6 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-2(2-17)	07/21/2010*FD	1.9 J	<5.0	3.7 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3(3-18)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/29/2009	<100 J	<250 J	<250 J	140 J	<250 J	<100 J	<250 J	<50 J	<50 J	<50 J	<250 J	<250 J
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	<2.0	<5.0	1.4 J	127	8.8	29.7	<5.0	<1.0	14.3	12.2	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4(5-22)	7/22/2010	<10	<25	<25	98.5	<25	17.5	<25	<5.0	17.6	7.4	<25	<25
	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S(4-9)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4D(13-18)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2009	5.7	<5.0	14.7	1.6	<5.0	<2.0	<5.0	<1.0	<1.0	1.3	<5.0	<5.0
	1/26/2010	8.2	<5.0	29.9	1.9	<5.0	<2.0	<5.0	<1.0	<1.0	2.0	<5.0	<5.0
	01/26/2010*FD	8.1	<5.0	31.3	2.0	<5.0	<2.0	<5.0	<1.0	<1.0	2.0	<5.0	<5.0
	4/26/2010	4.8	<5.0	18.0	1.5	<5.0	<2.0	<5.0	<1.0	<1.0	1.5	<5.0	<5.0
	7/21/2010	6.8 J	<50	16.9 J	<10	<50	<20	<50	<10	<10	<10	<50	<50

TABLE 4
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Sample ID	Date	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethylene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-1(6-18)	4/7/2009	<1.0	<1.0	0.88 J	<5.0 J	7.8	<1.0	<1.0	<1.0	33.6 J	
	7/29/2009	<1.0	<1.0	2.2	<5.0	19.1	0.35 J	<1.0	0.35 J	27.4 J	
	10/26/2009	<1.0	<1.0	3.0	<5.0	22.2	0.30 J	<1.0	0.30 J	34.8 J	
	1/20/2010	<1.0	<1.0	2.6	<5.0	11.3	0.27 J	<1.0	0.27 J	27.5 J	
	4/23/2010	<1.0	<1.0	1.6	<5.0	4.8	0.29 J	<1.0	0.29 J	33.8 J	
	04/23/2010*FD	<1.0	<1.0	1.6	<5.0	4.3	0.29 J	<1.0	0.29 J	34.7 J	
	7/21/2010	<1.0	<1.0	1.0	<5.0	2.4	0.30 J	<1.0	0.30 J	26.9 J	
	07/21/2010*FD	<1.0	<1.0	1.1	<5.0	2.6	<1.0	<1.0	<1.0	26.3	
MW-2(2-17)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-3(3-18)	4/29/2009	<50 J	<50 J	<50 J	<250 J	<50 J	<50 J	<50 J	<50 J	BRL J	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/29/2009	0.30 J	<1.0	12.7	<5.0	12.5	7.4	3.8	11.2	35.1	Sample collected below NAPL
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/22/2010	<5.0	<5.0	12.3	<25	5.5	7.5	3.4 J	11.0	26.3 J	Sample collected below NAPL
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-4S(4-9)	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-4D(13-18)	10/29/2009	<1.0	<1.0	<1.0	<5.0	<1.0	2.1	0.91 J	3.0	18.5	
	1/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	2.3	1.3	3.6	27.4 J	
	01/26/2010*FD	<1.0	<1.0	<1.0	<5.0	<1.0	2.4	1.3	3.6	27.3 J	
	4/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	2.2	1.0	3.2	25.9 J	
	7/21/2010	<10	<10	<10	<50	<10	3.0 J	<10	3.0 J	30.2 J	

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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
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.64 J
	10/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/23/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID	Date	Chloroform	Chloro-methane	Cyclo-hexane	1,2-Dibromo-3-Chloropropane	Dibromo-chloro-methane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	1,2-Dichloro-ethane (EDC)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	1,4-Dioxane	Ethyl-benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	<1.0	<130	<1.0	<5.0	<5.0
	7/28/2009	<1.0	<1.0	0.23 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	0.45 J	<1.0	<5.0	<5.0
	7/28/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/27/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/20/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID	Date	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethylene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-5(13-21)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible-passive bailer
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-6(18-23)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-7(1-15)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-8(1-13)	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/23/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-9(3-18)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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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
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
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
	07/30/2009*FD	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/30/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-11(2-17)	4/8/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	04/08/2009*FD	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/30/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-12(2-16)	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-13(1-8)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/8/2009	27.9	14.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/30/2009	6.4 J	2.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/27/2009	<10	1.7	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	6.3 J	1.4	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-14(7.5-27.5)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	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	Chloroform	Chloro-methane	Cyclo-hexane	1,2-Dibromo-3-Chloropropane	Dibromo-chloro-methane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-10(3-13)	4/8/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	07/30/2009*FD	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0 J	<1.0
	7/30/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-11(2-17)	4/8/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	04/08/2009*FD	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<1.0	3.9	6.8	<10	<1.0	<2.0	0.39 J	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<1.0	0.48 J	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 2010

Sample ID	Date	1,2-Dichloro-ethane (EDC)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	1,4-Dioxane	Ethyl-benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-10(3-13)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	07/30/2009*FD	<1.0	<1.0	0.23 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/30/2009	<1.0	<1.0	0.26 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	0.29 J	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-11(2-17)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	04/08/2009*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	7.8	<5.0	<5.0
	7/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	2.0	<5.0	<5.0
	10/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.1	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.35 J	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-10(3-13)	4/8/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	07/30/2009*FD	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/30/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/27/2009	<2.0	<5.0	0.41 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/20/2010	<2.0	<5.0	0.47 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/22/2010	<2.0	<5.0	0.38 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/20/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-11(2-17)	4/8/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	04/08/2009*FD	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/30/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/27/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-12(2-16)	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<5.0	0.65 J	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-13(1-8)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/8/2009	4.8	<5.0	11.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	6.8	<5.0	<5.0
	7/30/2009	1.3 J	<5.0	1.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.82 J	<5.0	<5.0
	10/27/2009	0.73 J	<5.0	0.89 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.50 J	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	0.48 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-14(7.5-27.5)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Long Island City, New York

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Sample ID	Date	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethylene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-10(3-13)	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	07/30/2009*FD	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/30/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-11(2-17)	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	04/08/2009*FD	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/30/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL 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	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-13(1-8)	4/8/2009	<1.0	<1.0	<1.0	<5.0	<1.0	35.8	15.9	51.7	81.0	
	7/30/2009	<1.0	<1.0	<1.0	<5.0	<1.0	4.5	3.6	8.1	13.6 J	
	10/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	1.3	1.5	2.8	6.1 J	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	0.30 J	<1.0	0.51 J	2.3 J	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
MW-14(7.5-27.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
MW-15(5.5-20.5)	7/28/2009	10.3	0.28 J	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.72 J
	10/28/2009	46.2	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.82 J
	1/26/2010	9.6 J	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	1.0
	4/23/2010	4.6 J	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<10	3.6	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-18(17.5-37.5)	9/24/2009	34.4	1.4	<5.0	<1.0	<4.0	<2.0	6.9 J	<2.0	<1.0	<1.0	<1.0
	10/29/2009	18.2	0.91 J	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	0.75 J
	1/26/2010	7.8 J	0.50 J	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/22/2010	4.3 J	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<10	0.42 J	<5.0	<1.0	<4.0	<2.0 J	<10	<2.0	<1.0	<1.0	<1.0
	10/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/23/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/20/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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April 2009 through July 2010

Sample ID	Date	Chloroform	Chloro-methane	Cyclo-hexane	1,2-Dibromo-3-Chloropropane	Dibromo-chloro-methane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/26/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<1.0	<1.0	3.4 J	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-18(17.5-37.5)	9/24/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/29/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/26/2010	<1.0	0.33 J	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/20/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID	Date	1,2-Dichloro-ethane (EDC)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	1,4-Dioxane	Ethyl-benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	<1.0	<130	2.1	<5.0	<5.0
	10/29/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.8	<5.0	<5.0
	1/26/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	1.6	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	0.83 J	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID	Date	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-15(5.5-20.5)	7/28/2009	0.61 J	<5.0	1.8 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	10/28/2009	<2.0	<5.0	1.1 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/26/2010	<2.0	<5.0	1.1 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	<2.0	<5.0	0.79 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/22/2010	<2.0	<5.0	0.89 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	0.87 J	<5.0	3.6 J	1.1	<5.0	<2.0	<5.0	<1.0	<1.0	3.1	<5.0	<5.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-18(17.5-37.5)	9/24/2009	<2.0	<5.0	<5.0	26.2	<5.0	<2.0	<5.0	<1.0	<1.0	0.63 J	<5.0	<5.0
	10/29/2009	<2.0	<5.0	<5.0	13.1	<5.0	<2.0	<5.0	<1.0	<1.0	0.41 J	<5.0	<5.0
	1/26/2010	<2.0	<5.0	0.51 J	26.4	<5.0	<2.0	<5.0	<1.0	<1.0	0.32 J	<5.0	<5.0
	4/22/2010	<2.0	<5.0	<5.0	37.5	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	<2.0	<5.0	0.45 J	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	0.39 J	<5.0	<5.0
	10/28/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	1/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	4/23/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0
	7/20/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0

TABLE 4
GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS

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Sample ID	Date	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethylene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-15(5.5-20.5)	7/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	0.67 J	0.91 J	1.19 J	
	10/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	0.39 J	0.39 J	0.39 J	
	1/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	0.35 J	0.56 J	0.56 J	
	4/23/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	14.1	5.2	19.3	26.0	
MW-17(8.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-18(17.5-37.5)	9/24/2009	<1.0	<1.0	<1.0	<5.0	<1.0	3.7	0.92 J	4.6	8.7 J	
	10/29/2009	<1.0	<1.0	<1.0	<5.0	<1.0	2.9	0.76 J	3.7	6.8 J	
	1/26/2010	<1.0	<1.0	<1.0	<5.0	<1.0	2.4	0.71 J	3.1	5.5 J	
	4/22/2010	<1.0	<1.0	<1.0	<5.0	<1.0	1.2	0.43 J	1.6	2.4 J	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-19(11.5-31.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-20(9.5-29.5)	7/27/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	0.81 J	
	10/28/2009	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/23/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/20/2010	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	

TABLE 4
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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
NYSDEC Standards		~	1	5	~	~	5	~	~	5	5	5
NYSDEC Guidance Values		50	~	~	50	50	~	50	60	~	~	~
MW-21(10.5-25.5)	7/27/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/28/2009*FD	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	10/28/2009	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	1/21/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	4/22/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
	7/19/2010	<10	<1.0	<5.0	<1.0	<4.0	<2.0	<10	<2.0	<1.0	<1.0	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4
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Sample ID	Date	Chloroform	Chloro-methane	Cyclo-hexane	1,2-Dibromo-3-Chloropropane	Dibromo-chloro-methane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethane
NYSDEC Standards		7	5	~	0.04	~	0.0006	3	3	3	5	5
NYSDEC Guidance Values		~	~	~	~	50	~	~	~	~	~	~
MW-21(10.5-25.5)	7/27/2009	0.51 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009*FD	0.39 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	10/28/2009	0.43 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	1/21/2010	0.38 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<1.0	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
	7/19/2010	0.75 J	<1.0	<5.0	<10	<1.0	<2.0	<1.0	<1.0	<1.0	<5.0	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	1,2-Dichloro-ethane (EDC)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	1,4-Dioxane	Ethyl-benzene	Freon 113	2-Hexanone
NYSDEC Standards		0.6	5	5	5	1	0.4	0.4	~	5	~	~
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	~	~
MW-21(10.5-25.5)	7/27/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009*FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	10/28/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	1/21/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
MW-22(14.5-34.5)	7/19/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<130	<1.0	<5.0	<5.0
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23(10.5-24.5)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-24(5.5-25.5)	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	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 July 2010

Sample ID	Date	Isopropyl- benzene	Methyl acetate	Methyl- cyclo- hexane	MTBE	4-Methyl-2- pentanone (MIBK)	Methylene chloride	Styrene (Monomer)	1,1,2,2- Tetra- chloro ethane	Tetra- chloro- ethene	Toluene	1,2,3- Trichloro- benzene	1,2,4- Trichloro- benzene
NYSDEC Standards		5	~	~	~	~	5	5	5	5	5	5	5
NYSDEC Guidance Values		~	~	~	10	~	~	~	~	~	~	~	~
MW-21(10.5-25.5)	7/27/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.8	<1.0	<5.0	<5.0
	10/28/2009*FD	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.6	<1.0	<5.0	<5.0
	10/28/2009	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.2	<1.0	<5.0	<5.0
	1/21/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.9	<1.0	<5.0	<5.0
	4/22/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	4.7	<1.0	<5.0	<5.0
	7/19/2010	<2.0	<5.0	<5.0	<1.0	<5.0	<2.0	<5.0	<1.0	5.7	<1.0	<5.0	<5.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 2010

Sample ID	Date	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethylene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	m,p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Comments
NYSDEC Standards		5	1	5	5	2	5	5	5	~	
NYSDEC Guidance Values		~	~	~	~	~	~	~	~	~	
MW-21(10.5-25.5)	7/27/2009	<1.0	<1.0	3.3	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/28/2009*FD	<1.0	<1.0	3.1	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	10/28/2009	<1.0	<1.0	2.7	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	1/21/2010	<1.0	<1.0	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	4/22/2010	<1.0	<1.0	2.8	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
	7/19/2010	<1.0	<1.0	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	BRL	
MW-22(14.5-34.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-23(10.5-24.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-24(5.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

Notes:

~ - no standard or guidance value exists

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

Concentrations are reported in micrograms per liter.

BRL - below laboratory reporting limits

J - Indicates an estimated value

*FD - field duplicate sample

LNAPL - light non-aqueous phase liquid

NS - Not sampled

NYSDEC Standards and Guidance Values - New York State Department of
Environmental Conservation Technical and Operational Guidance Series

(TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values,
June 1998 and Addendum April 2000

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

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	04/23/2010*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	07/21/2010*FD	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<5.3	<5.3	<5.3	5.8	<21	<21	2.9	2.2	<5.3	<11
MW-4(5-22)	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	01/26/2010*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/26/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	4.4	<5.0	<10
	7/21/2010	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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	BRL	<1.0	<1.0	<5.0	<1.0
	7/29/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.57 J	<1.0	<5.0	<1.0
	10/26/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.56 J	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.72 J	<1.0	<5.0	<1.0
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.56 J	<1.0	<2.0	<1.0
	04/23/2010*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.54 J	<1.0	<2.0	<1.0
	7/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.67 J	<1.0	<2.0	<1.0
	07/21/2010*FD	<10	<2.0	<5.2	<5.2	<5.2	BRL	0.69 J	<1.0	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<11	2.4	<5.3	<5.3	<5.3	2.4	0.58 J	<1.1	<2.1	5.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	BRL	0.65 J	<1.0	<5.0	<1.0
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.91 J	<1.0	<5.0	0.66 J
	01/26/2010*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	1.0	<1.0	<5.0	0.57 J
	4/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.88 J	<1.0	<2.0	0.57 J
	7/21/2010	<10	<2.0	<5.2	<5.2	<5.2	BRL	0.62 J	<1.0	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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
	4/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	04/23/2010*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	07/21/2010*FD	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<5.3	<5.3	220	94.7	55.1	51.5	17.0	<2.1	<2.1	<1.1
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	01/26/2010*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/26/2010	<5.0	<5.0	0.65 J	0.49 J	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/21/2010	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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
	4/23/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	04/23/2010*FD	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/21/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/21/2010*FD	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<2.1	<5.3	<1.1	<2.1	297	<2.1	<2.1	<2.1	<2.1	<2.1
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	01/26/2010*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/26/2010	<2.0	<5.0	0.44 J	<2.0	0.73 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/21/2010	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	04/23/2010*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	07/21/2010*FD	<2.1	<5.2	<1.0	<5.2	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	<2.1	<5.3	36.3	<5.3	<2.1	<2.1	<2.1	<2.1	<2.1	23.8
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	01/26/2010*FD	<2.0	<5.0	<1.0	0.76 J	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/26/2010	<2.0	<5.0	<1.0	0.56 J	<2.0	<2.0	<2.0	<2.0	<2.0	0.52 J
	7/21/2010	<2.1	<5.2	<1.0	0.50 J	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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
	4/23/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	04/23/2010*FD	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	07/21/2010*FD	<1.0	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2010	1.2	<1.1	<1.1	<21	<2.1	20.9	3.1	5.6	<5.3	<5.3
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	01/26/2010*FD	1.5	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/26/2010	1.3	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/21/2010	0.97 J	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	04/23/2010*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	07/21/2010*FD	<5.2	<1.0	<2.1	<2.1	<5.2	<1.0	<1.0	<2.1	
MW-2(2-17)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL 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	NAPL in well
	10/29/2009	<5.0	0.47 J	<2.0	<2.0	<5.0	2.8	6.3	<5.0	Sample collected below NAPL
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/22/2010	<5.3	3.0	<2.1	<2.1	<5.3	37.4	91.4	<2.1	Sample collected below NAPL
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-4S(4-9)	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL 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	
	01/26/2010*FD	<5.0	<1.0	<2.0	<2.0	<5.0	2.5	0.56 J	<5.0	
	4/26/2010	<5.0	1.2	<2.0	<2.0	<5.0	2.8	1.0	<2.0	
	7/21/2010	<5.2	0.63 J	<2.1	<2.1	<5.2	1.2	0.47 J	<2.1	
MW-5(13-21)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible-passive bailer
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible-passive bailer
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-6(18-23)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

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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-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/21/2010	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/30/2009	<5.0 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
	07/30/2009*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/20/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/20/2010	<5.9	<5.9	<5.9	<5.9	<24	<24	<2.4	<2.4	<5.9	<12
MW-11(2-17)	4/8/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	04/08/2009*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/30/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	BRL	<1.0	<1.0	<5.0	<1.0
	7/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/21/2010	<10	<2.1	<5.2	<5.2	<5.2	BRL	<1.0	<1.0	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.88 J	<1.0	<5.0	<1.0
	7/30/2009	<10 R	<2.0R	<5.0 R	<5.0 R	<5.0 R	BRL	0.54 J	<1.0	<5.0	<1.0
	07/30/2009*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.76 J	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.77 J	<1.0	<5.0	<1.0
	1/20/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.81 J	<1.0	<5.0	<1.0
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.62 J	<1.0	<2.0	<1.0
	7/20/2010	<12	<2.4	<5.9	<5.9	<5.9	BRL	0.74 J	<1.2	<2.4	<1.2
MW-11(2-17)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	04/08/2009*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	4/23/2010	NS	NS	NS	NS	NS	BRL	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<10	NA	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

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Long Island City, New York

April 2009 through July 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-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<5.0	<5.0	0.55 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/21/2010	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	07/30/2009*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	0.49 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/22/2010	<5.0	<5.0	0.72 J	0.75 J	<1.0	0.61 J	<1.0	<2.0	<2.0	<1.0
	7/20/2010	<5.9	<5.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<2.4	<1.2
MW-11(2-17)	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	04/08/2009*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	2.2	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<2.0	<5.0	<1.0	<2.0	0.48 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/21/2010	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/30/2009*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/20/2010	<5.0	<5.0	<2.0	<2.0	0.38 J	<2.0	<2.0	<2.0	<2.0	<2.0
	4/22/2010	<2.0	<5.0	<1.0	<2.0	0.81 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/20/2010	<2.4	<5.9	<1.2	<2.4	<1.2	<2.4	<2.4	<2.4	<2.4	<2.4
MW-11(2-17)	4/8/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	04/08/2009*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<2.0	2.9	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	1.6 J	<1.0
	7/21/2010	<2.1	<5.2	<1.0	<5.2	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<2.0	<5.0	<1.0	<5.0	<2.0	3.1	<2.0	<2.0	9.1	<1.0
	7/30/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	07/30/2009*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	8.3	<1.0
	10/27/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/20/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	0.58 J
	4/22/2010	<2.0	<5.0	0.54 J	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/20/2010	<2.4	<5.9	<1.2	<5.9	<2.4	<2.4	<2.4	<2.4	<2.4	<1.2
MW-11(2-17)	4/8/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	04/08/2009*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/30/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	5.8	<1.0
	10/27/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	0.52 J
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/21/2010	<1.0	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10(3-13)	4/8/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	7/30/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	07/30/2009*FD	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/20/2010	0.43 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/20/2010	<1.2	<1.2	<1.2	<24	<2.4	<1.2	<2.4	<1.2	<5.9	<5.9
MW-11(2-17)	4/8/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	04/08/2009*FD	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	7/30/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/21/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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-7(1-15)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-8(1-13)	4/8/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	7/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/27/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/20/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.88 J	<2.0	
	7/21/2010	<5.2	<1.0	<2.1	<2.1	<5.2	<1.0	<1.0	<2.1	
MW-9(3-18)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-10(3-13)	4/8/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.76 J	<5.0	
	7/30/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.51 J	<5.0	
	07/30/2009*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.50 J	<5.0	
	10/27/2009	<5.0	3.7	<2.0	<2.0	<5.0	0.53 J	0.56 J	<5.0	
	1/20/2010	<5.0	0.47 J	<2.0	<2.0	<5.0	0.79 J	0.86 J	<5.0	
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	0.41 J	0.96 J	<2.0	
	7/20/2010	<5.9	<1.2	<2.4	<2.4	<5.9	<1.2	0.80 J	<2.4	
MW-11(2-17)	4/8/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	04/08/2009*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	7/30/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/27/2009	<5.0	15.2	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL 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	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	1.6	<2.0	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 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-13(1-8)	4/8/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/30/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	1.0 J	<5.0	<10
	7/22/2010	<5.2	<5.2	<5.2	<5.2	<21	<21	<2.1	<2.1	<5.2	<10
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<5.9	<5.9	<5.9	<5.9	<24	<24	<2.4	<2.4	<5.9	<12
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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-13(1-8)	4/8/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.90 J	<1.0	<5.0	0.57 J
	7/30/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.53 J	<1.0	<5.0	0.36 J
	10/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.67 J	<1.0	<5.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	BRL	<1.0	<1.0	<5.0	3.3
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	1.0	<1.0	<5.0	0.83 J
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	2.3
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	1.00	<1.0	<1.0	<2.0	<1.0
	7/22/2010	<10	<2.1	<5.2	<5.2	<5.2	BRL	<1.0	<1.0	<2.1	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<12	<2.4	<5.9	<5.9	<5.9	BRL	<1.2	<1.2	<2.4	1.1 J
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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	4.8	<1.0	<1.0	<5.0	1.0
	10/29/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	0.80 J
	1/26/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	0.82 J
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.79 J	<1.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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-13(1-8)	4/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<5.0	<5.0	0.64 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/22/2010	<5.2	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<2.1	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<5.9	<5.9	1.5	<1.2	<1.2	<1.2	<1.2	<2.4	<2.4	<1.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/22/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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-13(1-8)	4/8/2009	<5.0	<5.0	0.62 J	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/30/2009	<5.0	<5.0	0.43 J	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<2.0	<5.0	<1.0	<2.0	0.72 J	<2.0	<2.0	<2.0	<2.0	<2.0
	7/22/2010	<2.1	<5.2	<1.0	<2.1	<1.0	<2.1	<2.1	<2.1	<2.1	<2.1
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<2.4	<5.9	<1.2	<2.4	1.7	<2.4	<2.4	<2.4	<2.4	<2.4
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/22/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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-13(1-8)	4/8/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	1.2 J	0.47 J
	7/30/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/27/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/22/2010	<2.1	<5.2	<1.0	<5.2	<2.1	<2.1	<2.1	<2.1	<2.1	<1.0
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<2.4	<5.9	<1.2	<5.9	<2.4	<2.4	<2.4	<2.4	<2.4	0.72 J
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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-13(1-8)	4/8/2009	1.1	<2.0	<1.0	<20	<5.0	<1.0	<2.0	5.1	<5.0	<5.0
	7/30/2009	0.57 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	1.2 J	<5.0	<5.0
	10/27/2009	0.65 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	0.47 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/22/2010	<1.0	<1.0	<1.0	<21	<2.1	<1.0	<2.1	<1.0	<5.2	<5.2
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<1.2	<1.2	<1.2	<24	<2.4	<1.2	<2.4	<1.2	<5.9	<5.9
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/22/2010	0.55 J	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
Long Island City, New York

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Sample ID	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-13(1-8)	4/8/2009	<5.0	5.6	<2.0	<2.0	<5.0	1.3	<1.0	<5.0	
	7/30/2009	<5.0	1.1	<2.0	<2.0	<5.0	0.58 J	<1.0	<5.0	
	10/27/2009	<5.0	11.1	<2.0	<2.0	<5.0	0.70 J	<1.0	<5.0	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
MW-14(7.5-27.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-15(5.5-20.5)	7/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	2.7	9.7	<5.0	
	10/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	0.41 J	3.0	<5.0	
	1/26/2010	<5.0	<1.0	<2.0	<2.0	<5.0	1.7	4.8	<5.0	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	0.51 J	<2.0	
	7/22/2010	<5.2	<1.0	<2.1	<2.1	<5.2	<1.0	<1.0	<2.1	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/20/2010	<5.9	<1.2	<2.4	<2.4	<5.9	3.7	1.6	<2.4	
MW-17(8.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-18(17.5-37.5)	9/24/2009	<5.0	3.0	<2.0	<2.0	<5.0	1.9	0.49 J	<5.0	
	10/29/2009	<5.0	3.2	<2.0	<2.0	<5.0	2.0	<1.0	<5.0	
	1/26/2010	<5.0	2.8	<2.0	<2.0	<5.0	1.7	<1.0	<5.0	
	4/22/2010	<5.0	0.94 J	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-19(11.5-31.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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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
	4/23/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/20/2010	<5.9	<5.9	<5.9	<5.9	<24	<24	<2.4	<2.4	<5.9	<12
MW-21(10.5-25.5)	7/27/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/28/2009	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	10/28/2009*FD	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	1/21/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<20	<20	<2.0	<2.0	<5.0	<10
	7/19/2010	<6.2	<6.2	<6.2	<6.2	<25	<25	<2.5	<2.5	<6.2	<12
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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 July 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-20(9.5-29.5)	7/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	0.40 J	<1.0	<5.0	<1.0
	4/23/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/20/2010	<12	<2.4	<5.9	<5.9	<5.9	BRL	<1.2	<1.2	<2.4	<1.2
MW-21(10.5-25.5)	7/27/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/28/2009	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	10/28/2009*FD	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	1/21/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<5.0	<1.0
	4/22/2010	<10	<2.0	<5.0	<5.0	<5.0	BRL	<1.0	<1.0	<2.0	<1.0
	7/19/2010	<12	<2.5	<6.2	<6.2	<6.2	BRL	<1.2	<1.2	<2.5	<1.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/20/2010	<5.9	<5.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<2.4	<1.2
MW-21(10.5-25.5)	7/27/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	10/28/2009*FD	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
	4/22/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0
	7/19/2010	<6.2	<6.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<2.5	<1.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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-20(9.5-29.5)	7/27/2009	<5.0	<5.0	<2.0	<2.0	6.8	<2.0	<2.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<2.0	<2.0	3.4	<2.0	<2.0	<2.0	<2.0	<2.0
	4/23/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/20/2010	<2.4	<5.9	<1.2	<2.4	<1.2	<2.4	<2.4	<2.4	<2.4	<2.4
MW-21(10.5-25.5)	7/27/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/28/2009	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	10/28/2009*FD	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	1/21/2010	<5.0	<5.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	4/22/2010	<2.0	<5.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
	7/19/2010	<2.5	<6.2	<1.2	<2.5	<1.2	<2.5	<2.5	<2.5	<2.5	<2.5
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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Sample ID	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
	4/23/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/20/2010	<2.4	<5.9	<1.2	<5.9	<2.4	<2.4	<2.4	<2.4	<2.4	<1.2
MW-21(10.5-25.5)	7/27/2009	<2.0	<5.0 R	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/28/2009	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	10/28/2009*FD	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	1/21/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	4/22/2010	<2.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
	7/19/2010	<2.5	<6.2	<1.2	<6.2	<2.5	<2.5	<2.5	<2.5	<2.5	<1.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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-20(9.5-29.5)	7/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/28/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/21/2010	0.52 J	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/23/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/20/2010	<1.2	<1.2	<1.2	<24	<2.4	<1.2	<2.4	<1.2	<5.9	<5.9
MW-21(10.5-25.5)	7/27/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/28/2009	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	10/28/2009*FD	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	1/21/2010	<1.0	<2.0	<1.0	<20	<5.0	<1.0	<2.0	<2.0	<5.0	<5.0
	4/22/2010	<1.0	<1.0	<1.0	<20	<2.0	<1.0	<2.0	<1.0	<5.0	<5.0
	7/19/2010	<1.2	<1.2	<1.2	<25	<2.5	<1.2	<2.5	<1.2	<6.2	<6.2
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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	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
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5
GROUNDWATER ANALYTICAL DATA - SEMI-VOLATILE ORGANIC COMPOUNDS

Former Pratt Oil Works
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Sample ID	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	
	4/23/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/20/2010	<5.9	<1.2	<2.4	<2.4	<5.9	<1.2	<1.2	<2.4	
MW-21(10.5-25.5)	7/27/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/28/2009	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	10/28/2009*FD	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	1/21/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<5.0	
	4/22/2010	<5.0	<1.0	<2.0	<2.0	<5.0	<1.0	<1.0	<2.0	
	7/19/2010	<6.2	<1.2	<2.5	<2.5	<6.2	<1.2	<1.2	<2.5	
MW-22(14.5-34.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-23(10.5-24.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-24(5.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

Notes:

~ - no standard or guidance value exists

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

Concentrations are reported in micrograms per liter.

BRL - below laboratory reporting limits

J - Indicates an estimated value

* FD - Field duplicate sample

LNAPL - light non-aqueous phase liquid

NS - Not sampled

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

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

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

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

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-1(6-18)	4/7/2009	1090	<0.20	<10	<10000	<10	<10	30600 J	<2.0	<50	<20	<10	
	7/29/2009	591	<0.20	<10	<10000	<10	<10	24200	<10	<50	<20	<10	
	10/26/2009	548	<0.20	<10	<10000	<10	<10	22900	<2.0	<50	<20	<10	
	1/20/2010	353	<0.20	<10	<10000	<10	<10	15400	<10	<50	<20	19	
	4/23/2010	314	<0.20	<10	<10000	<10	<10	18100	<10	<50	<20	<10	
	04/23/2010*FD	316	<0.20	<10	<10000	<10	<10	18800	<10	<50	<20	<10	
	7/21/2010	246	<0.20	<10	<10000	<10	<10	16300	<10	<50	<20	<10	
	07/21/2010*FD	240	<0.20	<10	<10000	<10	<10	16200	<10	<50	<20	<10	
MW-2(2-17)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-3(3-18)	4/29/2009	3330	<0.80	118	114000	<100 J	<100 J	400000	<20	<500	1020 J	<10	
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/29/2009	9500	0.21	84.6	161000	<20	<20	522000	<10	146	773	<10	Sample collected below NAPL
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/22/2010	7490	<0.80	27.8	149000	<20	<20	487000	<20	<100	154	14	Sample collected below NAPL
MW-4(5-22)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-4S(4-9)	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-4D(13-18)	10/29/2009	412	<0.20	<10	15000	<10	<10	147000	<10	<50	<20	<10	
	1/26/2010	425	<0.20	<10	13000	<10	<10	130000	<10	<50	<20	21	
	01/26/2010*FD	443	<0.20	<10	13500	<10	<10	135000	<10	<50	<20	<10	
	4/26/2010	380	<0.20	<10	13600	<10	<10	112000	<5.0	<50	<20	<10	
	7/21/2010	509	<0.20	<10	14400	<10	<10	127000	<10	<50	<20	<10	

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Former Pratt Oil Works
Long Island City, New York

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Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-5(13-21)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	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	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	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	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8(1-13)	4/8/2009	<200	<6.0 J	4.2	<200	<1.0 J	<3.0	198000	<10 J	<50 J	58.0	177	<30 J	611000
	7/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	215000	<10	<50	<10	799	<30	711000
	10/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	217000	<10	<50	<10	177	<3.0	724000
	1/20/2010	<200	<600	9.2	<200	<1.0	<3.0	230000	<10	<50	<10	<100	7.0	783000
	4/23/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	225000	<10	<50	<10	238	<30	700000
	7/21/2010	<200	<6.0	4.6	<200	<1.0	<3.0	234000	<10	<50	<10	554	<15	740000
MW-9(3-18)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-5(13-21)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible-passive bailer
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-6(18-23)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-7(1-15)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-8(1-13)	4/8/2009	76.4	<0.20	<10 J	228000	<10	<10	5120000	<2.0 J	<50 J	<20 J	<10	
	7/28/2009	295	<0.20	<10	257000	<10	<10	5240000	<20	<50	<20	<10	
	10/27/2009	147	<0.20	<10	354000	<10	<10	6380000	<10	<50	<20	<10	
	1/20/2010	64.5	<0.20	<10	374000	<10	<10	6480000	<1000	<50	<20	25	
	4/23/2010	91.3	<0.20	<10	220000	<10	<10	5340000	<10	<50	<200	<10	
	7/21/2010	150	<0.20	<50	242000	<10	<10	5600000	<50	<50	<20	<10	
MW-9(3-18)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

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Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-10(3-13)	4/8/2009	<200	<6.0	22.7	<200	<1.0	<3.0	58700	<10	<50	<10	6170	5.5	5760
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	4.1 J	85700	<10	<50	<10	7950 J	<3.0	7590
	07/30/2009*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	86100	<10	<50	<10	7830 J	<3.0	7590
	10/27/2009	<200	<6.0	<8.0	210	<1.0	<3.0	123000	<10	<50	<10	8920	<3.0	10600
	1/20/2010	<200	<6.0	<3.0	295	<1.0	<3.0	175000	<10	<50	<10	9920	<3.0	15700
	4/22/2010	<200	<6.0	<3.0	241	<1.0	<3.0	162000	<10	<50	<10	9340	7.4	14800
	7/20/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	114000	<10	<50	<10	6440	<3.0	10000
MW-11(2-17)	4/8/2009	<200	<6.0	7.8	<200	<1.0	<3.0	217000	<10	<50	<10	1540	<6.0	548000
	04/08/2009*FD	<200	<6.0	7.4	<200	<1.0	<3.0	218000	<10	<50	<10	1500	<6.0	545000
	7/30/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	201000	<10	<50	<10	579 J	<3.0	559000
	10/27/2009	<200	<6.0	8.8	<200	<1.0	<3.0	232000	<10	<50	<10	123	11.5	683000
	1/21/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	212000	<10	<50	29.1	<100	<3.0	566000
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	2290	<6.0	14.8	566	<1.0	<3.0	229000	<10	<50	19.4	2370	5.8	641000
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13(1-8)	4/8/2009	<200	<6.0	5.8	<200	<1.0	<3.0	116000	<10	<50	75.5	679	73.2	13600
	7/30/2009	<200	<6.0	<3.0	220	<1.0	<3.0	197000	<10	<50	<10	8370 J	19.8	20500
	10/27/2009	644	<6.0	<8.0	477	<1.0	3.4	187000	<10	<50	23.6	7900	61.3	21100
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/2010	<200	<6.0	<3.0	228	<1.0	<3.0	188000	<10	<50	<10	5270	8.3	19200
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14(7.5-27.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-10(3-13)	4/8/2009	409	<0.20	<10	<10000	<10	<10	17600	<5.0	<50	<20	61	
	7/30/2009	520	<0.20	<10	<10000	<10	<10	21000	<10	<50	<20	37	
	07/30/2009*FD	516	<0.20	<10	<10000	<10	<10	21600	<10	<50	<20	39	
	10/27/2009	678	<0.20	<10	<10000	<10	<10	37500	<10	<50	<20	29	
	1/20/2010	1000	<0.20	<10	<10000	<10	<10	105000	<10	<50	<20	28	
	4/22/2010	912	<0.20	<10	<10000	<10	<10	84000	<10	<50	<20	19	
	7/20/2010	694	<0.20	<10	<10000	<10	<10	49900	<10	<50	<20	25	
MW-11(2-17)	4/8/2009	963	<0.20	<10	185000	<10	<10	4000000	<5.0	<50	<20	<10	
	04/08/2009*FD	955	<0.20	<10	188000	<10	<10	4670000	<5.0	<50	<20	<10	
	7/30/2009	705	<0.20	<10	197000	<10	<10	4260000	<10	<50	<20	<10	
	10/27/2009	580	<0.20	<10	224000	<10	<10	5400000	<10	<50	<20	<10	
	1/21/2010	487	<0.20	<10	172000	<10	<10	4310000	<2.0	<50	20.1	<10	
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-12(2-16)	4/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL 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	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/22/2010	306	<0.20	<10	189000	<10	<10	4380000	<10	<50	<200	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-13(1-8)	4/8/2009	106	<0.20	<10	17800	<10	<10	61000	<5.0	<50	174	44	
	7/30/2009	410	<0.20	<10	21900	<10	<10	76700	<10	<50	174	16	
	10/27/2009	354	<0.20	<10	22200	<10	<10	78900	<10	<50	578	<10	
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
	4/22/2010	295	<0.20	<10	18900	<10	<10	79800	<10	<50	151	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible due to construction
MW-14(7.5-27.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-15(5.5-20.5)	7/28/2009	9320	<6.0	34.8	248	<1.0	<3.0	76600	16.1	<50	57.5	33900	11.0	7980
	10/28/2009	<200	<6.0	26.7	213	<1.0	<3.0	77300	<10	<50	<10	37400	<3.0	6290
	1/26/2010	2390	<6.0	25.0	<200	<1.0	<3.0	68500	<10	<50	29.2	45000	3.1	6370
	4/23/2010	<200	<6.0	31.6	<200	<1.0	<3.0	79200	<10	<50	<10	52600	<3.0	6500
	7/22/2010	<200	<6.0	34.5	<200	<1.0	<3.0	71300	<10	<50	<10	51800	<3.0	5990
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/20/2010	<200	<6.0	23.1	246	<1.0	<3.0	78800	<10	<50	<10	47400	<3.0	19200
MW-17(8.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-18(17.5-37.5)	9/24/2009	255	<6.0	23.0	717	<1.0	<3.0	238000	<10	<50	<10	50800	<3.0	85400
	10/29/2009	<200	<6.0	<8.0	667	<1.0	<3.0	226000	<10	<50	<10	53800	<3.0	64900
	1/26/2010	230	<6.0	6.2	788	<1.0	<3.0	295000	<10	<50	<10	65700	<3.0	88300
	4/22/2010	<200	<6.0	6.3	690	<1.0	<3.0	224000	<10	<50	<10	28900	<3.0	61000
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19(11.5-31.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20(9.5-29.5)	7/27/2009	3030	<6.0	<3.0 J	227	<1.0	<3.0	98800	<10 J	<50 J	44.2 J	24600	7.0	36600
	10/28/2009	2210	<6.0	<3.0	251	<1.0	<3.0	102000	<10	<50	20.7	30800	<3.0	32600
	1/21/2010	490	<6.0	<3.0	<200	<1.0	<3.0	83700	<10	<50	31.4	19200	<3.0	33400
	4/23/2010	337	<6.0	<3.0	<200	1.0	<3.0	182000	<10	<50	<10	12000	<3.0	44800
	7/20/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	113000	<10	<50	<10	26200	<3.0	36500

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-15(5.5-20.5)	7/28/2009	476	<0.20	10.3	11200	<10	<10	61100	<10	<50	35.3	<10	
	10/28/2009	600	<0.20	<10	11700	<10	<10	74600	<2.0	<50	<20	<10	
	1/26/2010	674	<0.20	<10	11100	<10	<10	76200	<10	<50	<20	<10	
	4/23/2010	1220	<0.20	<10	11400	<10	<10	90100	<10	<50	<20	<10	
	7/22/2010	902	<0.20	<10	10400	<10	<10	77600	<10	<50	<20	<10	
MW-16(10.5-30.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/20/2010	836	<0.20	<10	<10000	<10	<10	64700	<10	<50	<20	<10	
MW-17(8.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-18(17.5-37.5)	9/24/2009	1200	<0.20	<10	17500	<10	<10	58800	<5.0	<50	<20	<10	
	10/29/2009	1320	<0.20	<10	23100	<10	<10	51300	<10	<50	<20	<10	
	1/26/2010	1780	<0.20	<10	20200	<10	<10	57100	<10	<50	<20	17	
	4/22/2010	1600	<0.20	<10	20700	<10	<10	41400	<10	<50	<20	<10	
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-19(11.5-31.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-20(9.5-29.5)	7/27/2009	4010	<0.20	<10	<10000	<10 J	<10	90100	<10	<50	39.5	<10	
	10/28/2009	3130	<0.20	<10	<10000	<10	<10	148000	<2.0	<50	<20	<10	
	1/21/2010	2750	<0.20	<10	<10000	<10	<10	114000	<2.0	<50	22.1	<10	
	4/23/2010	6120	<0.20	37.0	<10000	<10	<10	322000	<10	<50	<20	<10	
	7/20/2010	3540	<0.20	<10	<10000	<10	<10	168000	<10	<50	<20	<10	

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
NYSDEC Standards		100	3	25	1000	~	5	~	50	5	200	300	25	~
NYSDEC Guidance Values		~	~	~	~	3	~	~	~	~	~	~	~	35000
MW-21(10.5-25.5)	7/27/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	119000	<10	<50	<10	287	<3.0	38400
	10/28/2009	<200	<6.0	<3.0	<200	<1.0	<3.0	111000	<10	<50	<10	227	<3.0	34300
	10/28/2009*FD	<200	<6.0	<3.0	<200	<1.0	<3.0	116000	<10	<50	<10	144	<3.0	35800
	1/21/2010	297	<6.0	<3.0	<200	<1.0	<3.0	106000	<10	<50	29.6	502	<3.0	34300
	4/22/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	99700	<10	<50	<10	206	<3.0	30800
	7/19/2010	<200	<6.0	<3.0	<200	<1.0	<3.0	114000	<10	<50	<10	221	<3.0	36600
MW-22(14.5-34.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	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	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	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	NS
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 6
GROUNDWATER ANALYTICAL DATA - TOTAL METALS AND CYANIDE

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Cyanide	Comments
NYSDEC Standards		300	0.7	100	~	10	50	20000	~	14	~	200	
NYSDEC Guidance Values		~	~	~	~	~	~	~	0.5	~	2000	~	
MW-21(10.5-25.5)	7/27/2009	83.9	<0.20	<10	<10000	11.2	<10	78600	<10	<50	<20	<10	
	10/28/2009	41.0	<0.20	<10	<10000	<10	<10	76100	<2.0	<50	<20	<10	
	10/28/2009*FD	37.4	<0.20	<10	<10000	10.4	<10	78400	<2.0	<50	<20	<10	
	1/21/2010	24.0	<0.20	17.1	<10000	<10	<10	70900	<2.0	<50	27.4	<10	
	4/22/2010	<15	<0.20	<10	<10000	<10	<10	81300	<10	<50	<20	<10	
	7/19/2010	23.0	<0.20	<10	<10000	<10	<10	76400	<10	<50	<20	<10	
MW-22(14.5-34.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-23(10.5-24.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
MW-24(5.5-25.5)	7/29/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	10/26/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	1/22/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	4/23/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well
	7/19/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NAPL in well

Notes:

~ - no standard or guidance value exists

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

Concentrations are reported in micrograms per liter.

*FD - field duplicate sample

LNAPL - Light non-aqueous phase liquid

J - Indicates an estimated value

NYSDEC Standards and Guidance Values - New York State Department of

Environmental Conservation Technical and Operational Guidance Series

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

June 1998 and Addendum April 2000

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

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Foremr Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

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

TABLE 7
GROUNDWATER ANALYTICAL DATA - DISSOLVED METALS

Foremr Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

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

Notes:

~ - no standard or guidance value exists

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

Concentrations are reported in micrograms per liter.

*FD - field duplicate sample

LNAPL - Light non-aqueous phase liquid

J - Indicates an estimated value

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

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

TABLE 8
GROUNDWATER ANALYTICAL DATA - FORMALDEHYDE

Page 1 of 1

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	Formaldehyde
NYSDEC Standard		~
MW-1(6-18)	4/7/2009	ND(20)
MW-10(3-13)	4/8/2009	ND(20)
MW-20(9.5-29.5)	7/27/2009	ND(20)
	1/21/2010	ND(20)
	4/26/2010	ND(20)
	7/20/2010	ND(20)
MW-21(10.5-25.5)	7/27/2009	ND(20)
	1/21/2010	ND(20)
	4/22/2010	ND(20)
	7/20/2010	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 9
GROUNDWATER ANALYTICAL DATA - GENERAL CHEMISTRY

Former Pratt Oil Works
Long Island City, New York

April 2009 through July 2010

Sample ID	Date	pH	Bromide	Chloride	Fluoride	Nitrate	Nitrite	Nitrate & Nitrite	Total Phosphorous	Sulfates
MW-1(6-18)	4/7/2009	6.57	NA	NA	NA	NA	NA	NA	NA	NA
MW-3(3-18)	10/29/2009	2.14	<20	1050	<1.0	<0.55	<0.050	<0.50	<0.50	10900
MW-3 (5-18)	7/22/2010	NA	<8.0	1370	<0.80	<.21	<0.10	<.20	0.74	4,150
MW-8(1-13)	4/8/2009	7.59	NA	NA	NA	NA	NA	NA	NA	NA
MW-10(3-13)	4/8/2009	6.90	NA	NA	NA	NA	NA	NA	NA	NA
MW-11(2-17)	4/8/2009	6.58	NA	NA	NA	NA	NA	NA	NA	NA
MW-13(1-8)	4/8/2009	8.43	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Concentrations are reported in milligrams per liter.

pH reported in PH units

NA - Not analyzed

TABLE 10
GROUNDWATER ANALYTICAL DATA - FATTY ACIDS

Former Pratt Oil Works
Long Island City, New York

April 2009 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
	10/29/2009	14.0	0.74	<1.0U	<1.0U	0.96	5.8	<0.7U	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

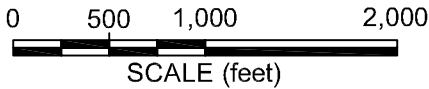
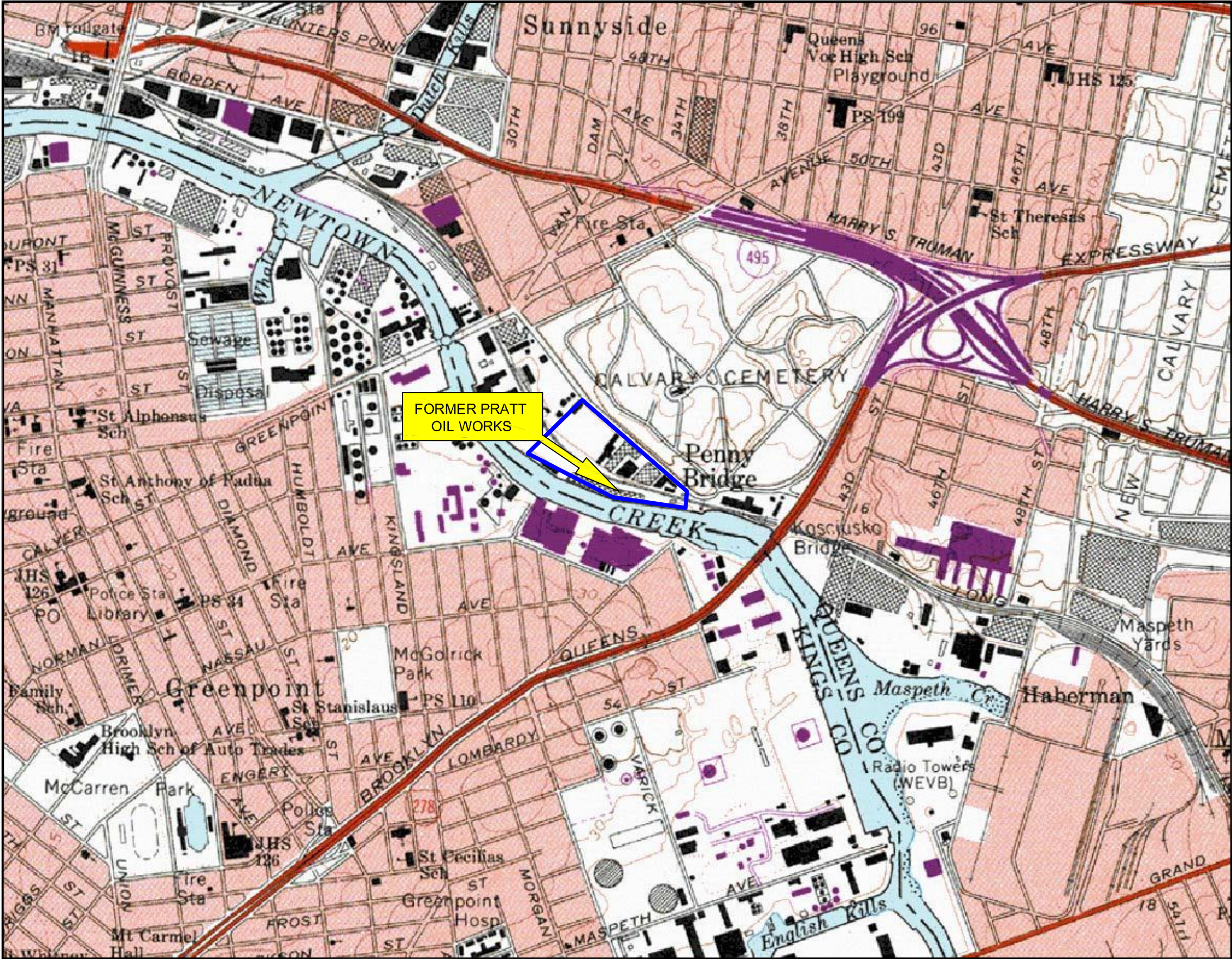
M - Recovery/RPD poor for MS/MSD

Concentrations are reported in milligrams per liter.

Environmental Conservation Technical and Operational Guidance Series

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

FIGURES



APPROXIMATE LOCATION
OF FORMER PRATT OIL WORKS



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



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

QUADRANGLE
LOCATION

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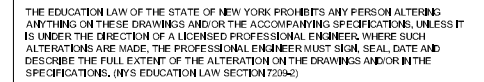
PROJECT NO.	108988
DRAWN:	09/20/2010
DRAWN BY:	JR
CHECKED BY:	
FILE NAME:	

LOCUS PLAN

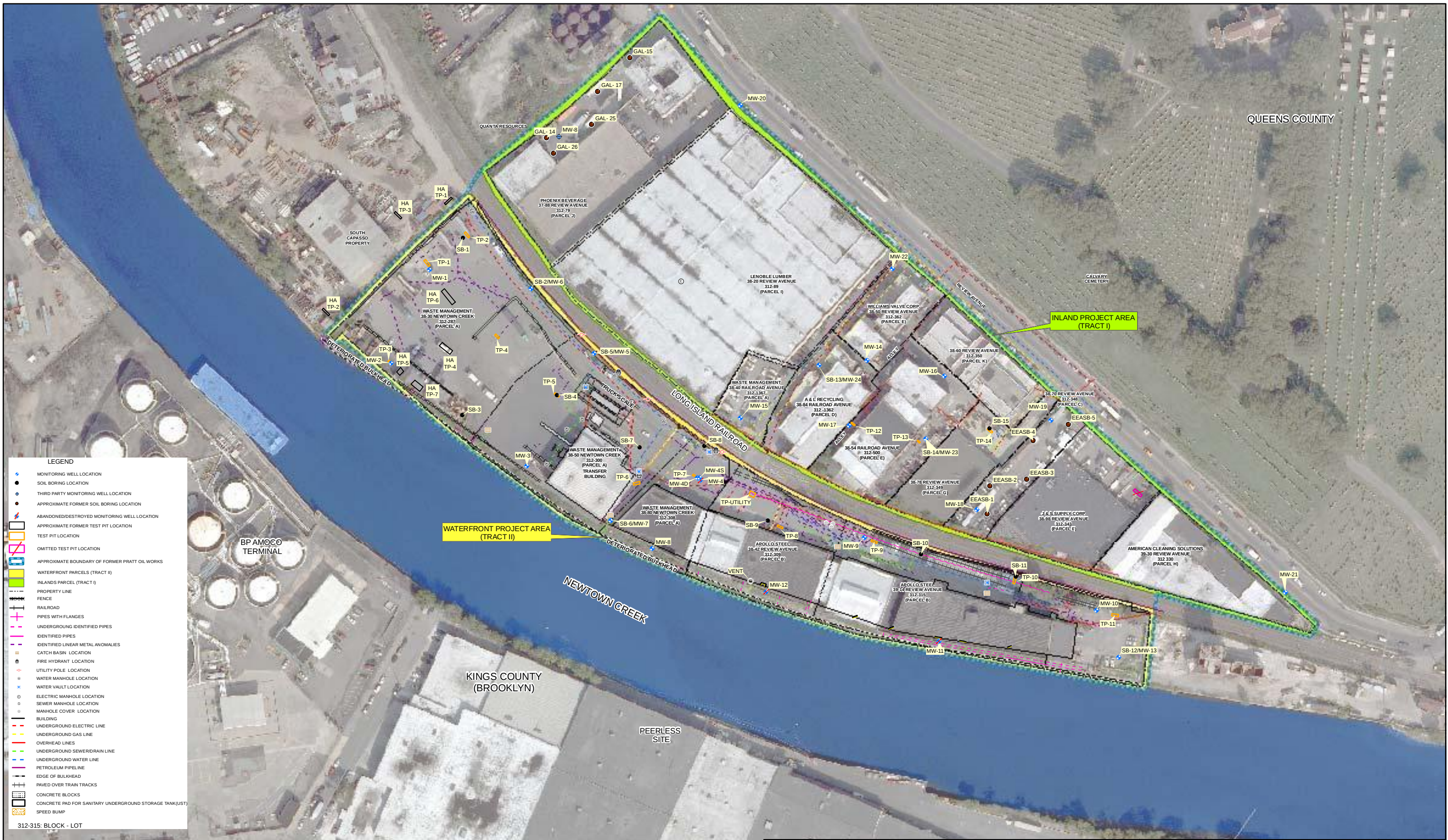
FORMER PRATT OIL WORKS
THE INLAND PROJECT AREA (TRACT I)
THE WATERFRONT PROJECT AREA (TRACT II)
LONG ISLAND CITY, NEW YORK

FIGURE

1



FOR REDUCED PLANS: ORIGINAL IN INCHES 0 0.5 1.0 1.5 2.0		DATE: 09/20/10		FIGURE 2	
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SITE PLAN FORMER PRATT OIL WORKS THE INLAND PROJECT AREA (TRACT I) THE WATERFRONT PROJECT AREA (TRACT II) LONG ISLAND CITY, NEW YORK		PROJ. NO. 108888 ACAD FILE: PROJ SITE PLAN WATERFRONT.dwg		DRAWN BY: JR CHECKED BY: DESIGNED BY:	
KLEINFELDER ENGINEERING P.C. ONE CORPORATE DRIVE BOHEMA, NEW YORK PH: (831) 218-0812 FAX: (831) 218-0787 www.kleinfielder.com		NO. 1 REVISION		BY DATE	



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0 40 80
Feet
1 inch = 80 feet

 KLEINFELDER <i>Bright People. Right Solutions.</i> www.kleinfelder.com	PROJECT NO.	108988	AERIAL PLAN	3
	DRAWN:	09/20/2010		
	DRAWN BY:	J.R.		
	CHECKED BY:		FORMER PRATT OIL WORKS THE INLAND PROJECT AREA (TRACT I) THE WATERFRONT PROJECT AREA (TRACT II) LONG ISLAND CITY, NEW YORK	
	FILE NAME:			







APPENDIX A

Disposal Documentation

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

FILE **LORCO**
PETROLEUM SERVICES

www.lorcopetroleum.com

STANDARD
COLLECTION
ORDER FORM

760726

GENERATOR/LOCATION

SALES ORDER #

BILL TO (IF DIFFERENT FROM LOCATION)

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

SHIPPING INFORMATION

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

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

SERVICE SECTION

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

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

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

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

☐ Other _____ Description _____

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

Print Name _____ Title _____
Signature _____ Date _____

GENERATOR/CUSTOMER

CONDITIONALLY
EXEMPT SMALL
QUANTITY
GENERATOR
CERTIFICATION

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

X _____
GENERATOR'S SIGNATURE

NON CONDITIONALLY
EXEMPT LARGE
QUANTITY
GENERATOR
CERTIFICATION

DEXSIL CDT
TEST RESULTS

X _____ PPM

TOTAL

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

PAYMENT RECEIVED SECTION

CASH ☐

CHECK NUMBER _____

TOTAL RECEIVED

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

Print Name _____
Signature _____ Date _____

LORCO REPRESENTATIVE

CUSTOMER

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



www.lorcopetroleum.com

STANDARD
COLLECTION
ORDER FORM

760735

GENERATOR/LOCATION		SALES ORDER #	BILL TO (IF DIFFERENT FROM LOCATION)	
NAME	3701377	NAME	Exxon Mobil Environmental	
INFORMATION/ATTENTION LINE	ACCOUNT APPROVAL CODE	INFORMATION/ATTENTION LINE	ACCOUNT APPROVAL CODE	
DELIVERY ADDRESS		DELIVERY ADDRESS		
CITY	STATE	CITY	STATE	ZIP
PHONE NUMBER	PURCHASE ORDER NUMBER	PHONE NUMBER	PURCHASE ORDER NUMBER	
TIME IN	TIME OUT	MANIFEST NUMBER	728908	

SHIPPING INFORMATION				SALES REPRESENTATIVE
This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.				
NO.	TYPE	QTY.	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

SERVICE SECTION							
ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL						
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL						
40611	NEW 55 GAL DRUMS / 17H						
40515	OIL WATER SEPARATOR SERVICE						
41513	TANK WASHER						
41507	TANK ENTRY						
41500	TRANSPORTATION						
41503	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						
				TOTAL			

FILE

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

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

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

☐ Other _____ Description _____

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

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

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR CERTIFICATION

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

☒ GENERATOR'S SIGNATURE _____

NON CONDITIONALLY EXEMPT LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS
☒ PPM

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

PAYMENT RECEIVED SECTION	
CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

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

☒ Print Name _____
☒ Signature _____ Date _____
LORCO REPRESENTATIVE

CUSTOMER

CUSTOMER

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



www.lorcopetroleum.com

STANDARD
COLLECTION
ORDER FORM
771903

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

SHIPPING INFORMATION							
This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation							
NO.	TYPE	QTY.	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	SALES REPRESENTATIVE		
SERVICE SECTION							
ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL						
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL						
40611	NEW 55 GAL DRUMS / 17H						
40515	OIL WATER SEPARATOR SERVICE						
41513	TANK WASHER						
41507	TANK ENTRY						
41500	TRANSPORTATION						
41508	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						

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

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

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

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

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

CONDITIONALLY
EXEMPT SMALL
QUANTITY
GENERATOR
CERTIFICATION

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

X _____
GENERATOR'S SIGNATURE

NON CONDITIONALLY
EXEMPT LARGE
QUANTITY
GENERATOR
CERTIFICATION

DEXSIL CDT
TEST RESULTS

X _____ PPM

CUSTOMER

TOTAL

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES TO CUSTOMER ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1 1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL \$ _____

PAYMENT RECEIVED SECTION	
CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

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

X _____
Print Name _____
Signature _____
Date _____
LORCO REPRESENTATIVE

CUSTOMER

APPENDIX B

Groundwater Laboratory Analytical Reports



08/04/10

Technical Report for

Kleinfelder

EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

PO#4510550904 WBS#08

Accutest Job Number: M93042

Sampling Dates: 07/19/10 - 07/20/10

Report to:

Kleinfelder

jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **86**



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

Reza Pand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (002) ND (R-188) CO MN (11546AA) NC (653) IL (002337) DoD/ISO/IEC 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Kleinfelder

Job No: M93042

EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I
Project No: PO#4510550904 WBS#08

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
M93042-1	07/20/10	12:40 SES	07/21/10	AQ	Ground Water	MW20(9.5-29.5)
M93042-2	07/19/10	13:05 SES	07/21/10	AQ	Ground Water	MW21(10.5-25.5)

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Kleinfelder

Job No M93042

Site: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Report Date 8/4/2010 11:12:20 AM

2 Sample(s) were collected on between 07/19/2010 and 07/20/2010 and were received at Accutest on 07/21/2010 properly preserved, at 1.6 Deg. C and intact. These Samples received an Accutest job number of M93042. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GC By Method SW846 8315

Matrix AQ

Batch ID: OP22065

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M93047-9MS, M93047-9MSD were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M93042).



Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Page 1 of 1

Client Sample ID:	MW20(9.5-29.5)	
Lab Sample ID:	M93042-1	Date Sampled: 07/20/10
Matrix:	AQ - Ground Water	Date Received: 07/21/10
Method:	SW846 8315 SW846 8315	Percent Solids: n/a
Project:	EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	VU28086.D	1	07/27/10	CZ	07/21/10	OP22065	GVU1262
Run #2							

	Initial Volume	Final Volume
Run #1	500 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
50-00-0	Formaldehyde	ND	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
123-72-8	Butyraldehyde	94%		10-150%
123-72-8	Butyraldehyde	94%		10-150%

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

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

Accutest Laboratories

Report of Analysis

Page 1 of 1

Client Sample ID:	MW21(10.5-25.5)	
Lab Sample ID:	M93042-2	Date Sampled: 07/19/10
Matrix:	AQ - Ground Water	Date Received: 07/21/10
Method:	SW846 8315 SW846 8315	Percent Solids: n/a
Project:	EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	VU28087.D	1	07/27/10	CZ	07/21/10	OP22065	GVU1262
Run #2							

	Initial Volume	Final Volume
Run #1	500 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
50-00-0	Formaldehyde	ND	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
123-72-8	Butyraldehyde	80%		10-150%
123-72-8	Butyraldehyde	81%		10-150%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NY)
- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

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

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # 1793042

[illegible]

M93042: Chain of Custody

Page 1 of 2



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: M93042

Client: KLEINFELDER

Immediate Client Services Action Required: No

Date / Time Received: 7/21/2010 9:45:00 AM

No. Coolers: 1

Client Service Action Required at Login: No

Project: LONG ISLAND CITY NY

Airbill #'s: N/A

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y or N N/A

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

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www.accutest.com

M93042: Chain of Custody

Page 2 of 2

Internal Sample Tracking Chronicle

Kleinfelder

Job No: M93042

EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I
Project No: PO#4510550904 WBS#08

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M93042-1 Collected: 20-JUL-10 12:40 By: SES Received: 21-JUL-10 By: JB MW20(9.5-29.5)						
M93042-1	SW846 8315	27-JUL-10 13:25	CZ	21-JUL-10	AJ	LC8315FORM
M93042-2 Collected: 19-JUL-10 13:05 By: SES Received: 21-JUL-10 By: JB MW21(10.5-25.5)						
M93042-2	SW846 8315	27-JUL-10 13:45	CZ	21-JUL-10	AJ	LC8315FORM



GC Semi-volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries
- GC Surrogate Retention Time Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: M93042
Account: GSCNYB Kleinfelder
Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22065-MB	VU28080.D	1	07/27/10	CZ	07/21/10	OP22065	GVU1262

The QC reported here applies to the following samples: Method: SW846 8315

M93042-1, M93042-2

CAS No.	Compound	Result	RL	Units	Q
50-00-0	Formaldehyde	8.2	20	ug/l	J

CAS No.	Surrogate Recoveries	Limits
123-72-8	Butyraldehyde	15% 10-150%
123-72-8	Butyraldehyde	14% 10-150%

Blank Spike Summary

Job Number: M93042
Account: GSCNYB Kleinfelder
Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22065-BS	VU28081.D	1	07/27/10	CZ	07/21/10	OP22065	GVU1262

The QC reported here applies to the following samples: Method: SW846 8315

M93042-1, M93042-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
50-00-0	Formaldehyde	80	103	129	35-150

CAS No.	Surrogate Recoveries	BSP	Limits
123-72-8	Butyraldehyde	14%	10-150%
123-72-8	Butyraldehyde	13%	10-150%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: M93042

Account: GSCNYB Kleinfelder

Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22065-MS	VU28082.D	1	07/27/10	CZ	07/21/10	OP22065	GVU1262
OP22065-MSD	VU28083.D	1	07/27/10	CZ	07/21/10	OP22065	GVU1262
M93047-9	VU28084.D	1	07/27/10	CZ	07/21/10	OP22065	GVU1262

The QC reported here applies to the following samples:

Method: SW846 8315

M93042-1, M93042-2

CAS No.	Compound	M93047-9 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
50-00-0	Formaldehyde	8.3	80	108	125	124	145	14	11-150/35

CAS No.	Surrogate Recoveries	MS	MSD	M93047-9	Limits
123-72-8	Butyraldehyde	14%	15%	15%	10-150%
123-72-8	Butyraldehyde	14%	15%	14%	10-150%

Semivolatile Surrogate Recovery Summary

Job Number: M93042
Account: GSCNYB Kleinfelder
Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Method: SW846 8315	Matrix: AQ
--------------------	------------

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b
M93042-1	VU28086.D	94.0	94.0
M93042-2	VU28087.D	80.0	81.0
OP22065-BS	VU28081.D	14.0	13.0
OP22065-MB	VU28080.D	15.0	14.0
OP22065-MS	VU28082.D	14.0	14.0
OP22065-MSD	VU28083.D	15.0	15.0

Surrogate Compounds	Recovery Limits
------------------------	--------------------

S1 = Butyraldehyde	10-150%
--------------------	---------

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

5.4.1
5

GC Surrogate Retention Time Summary

Page 1 of 1

Job Number: M93042

Account: GSCNYB Kleinfelder

Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Check Std: GVU1262-CC1253

Injection Date: 07/27/10

Lab File ID: VU28077.D

Injection Time: 09:56

Instrument ID: GCVU

Method: SW846 8315

S1^a
RT

S1^b
RT

Check Std	13.33	13.33
-----------	-------	-------

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 ^a RT	S1 ^b RT
OP22065-MB	VU28080.D	07/27/10	11:19	13.31	13.32
OP22065-BS	VU28081.D	07/27/10	11:40	13.28	13.30
OP22065-MS	VU28082.D	07/27/10	12:01	13.28	13.30
OP22065-MSD	VU28083.D	07/27/10	12:22	13.35	13.35
M93047-9	VU28084.D	07/27/10	12:43	13.35	13.34
ZZZZZZ	VU28085.D	07/27/10	13:04	13.42	13.41
M93042-1	VU28086.D	07/27/10	13:25	13.32	13.32
M93042-2	VU28087.D	07/27/10	13:45	13.39	13.39
GVU1262-ECC1253	VU28088.D	07/27/10	14:17	13.29	13.29

Surrogate Compounds

S1 = Butyraldehyde

(a) Retention time from GC signal #1

(b) Retention time from GC signal #2

Initial Calibration Summary

Page 1 of 1

Job Number: M93042**Sample:** GVU1253-ICC1253**Account:** GSCNYB Kleinfelder**Lab FileID:** VU27924.D**Project:** EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I**Response Factor Report G1315A**

Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
 Title : LC8315FORM/032310/ic1209/op20876
 Last Update : Wed Jul 07 09:33:41 2010
 Response via : Initial Calibration

Calibration Files

1 =VU27923.D 2 =VU27924.D 3 =VU27925.D 4 =VU27926.D
 5 =VU27927.D 6 =VU27928.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1)	Formaldehyde	0.236	0.293	0.291	0.352	0.462	1.033	0.445 E5	67.10
	----- Quadratic regression -----	Coefficient =				0.9981			
	Response Ratio =	51516.94310 + 31750.28549 *A + -85.97234 *A^2							
2)	Acetaldehyde	0.373	0.482	0.419	0.563	0.716	1.507	0.677 E5	62.71
	----- Quadratic regression -----	Coefficient =				0.9941			
	Response Ratio =	46838.46160 + 52778.35038 *A + -157.35314 *A^2							
3) s	Butyraldehyde	1.879	2.264	1.685	1.867	2.045	3.994	2.289 E4	37.47
	----- Quadratic regression -----	Coefficient =				0.9934			
	Response Ratio =	-35678.24236 + 24769.28645 *A + -54.97964 *A^2							

Signal #2

1)	Formaldehyde	0.640	0.804	0.795	0.974	1.282	3.115	1.268 E5	73.39
	----- Quadratic regression -----	Coefficient =				0.9976			
	Response Ratio =	154796.34944 + 86883.32869 *A + -242.46209 *A^2							
2)	Acetaldehyde	0.727	0.916	0.844	1.200	1.713	4.232	1.605 E5	83.12
	----- Quadratic regression -----	Coefficient =				0.9946			
	Response Ratio =	268283.95198 + 94044.36771 *A + -236.82367 *A^2							
3) s	Butyraldehyde	3.420	4.082	3.022	3.160	3.437	5.777	3.816 E4	26.92
	----- Quadratic regression -----	Coefficient =				0.9938			
	Response Ratio =	-79635.93019 + 44871.05988 *A + -96.50411 *A^2							

(#) = Out of Range

FM070610.M

Wed Jul 07 09:39:21 2010

RPT1

Initial Calibration Verification

Job Number: M93042

Sample: GVU1253-ICV1253

Account: GSCNYB Kleinfelder

Lab FileID: VU27929.D

Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Evaluate Continuing Calibration Report

Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1b.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: caobinz
Sample : icv1253-50,form 50,icv Inst : G1315A
Misc : op21785,gvu1253,25,,,1,,soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1a.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: sonal
Sample : form 50,icv Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:33:41 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 35% Max. R.T. Dev 0.50min
Max. RRF Dev : 65% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	Formaldehyde	44.466	28.800 E3	35.2	98	0.00
2	Acetaldehyde	67.665	40.359 E3	40.4	84	0.00
3 s	Butyraldehyde	22.890	22.098 E3	3.5	98	0.00

Signal #2

1	Formaldehyde	126.806	78.052 E3	38.4	97	0.00
2	Acetaldehyde	160.538	74.700 E3	53.5	82	0.00
3 s	Butyraldehyde	38.164	40.346 E3	-5.7	99	0.01

Evaluate Continuing Calibration Report - Not Found

Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1b.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: caobinz
Sample : icv1253-50,form 50,icv Inst : G1315A
Misc : op21785,gvu1253,25,,,1,,soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1a.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: sonal
Sample : form 50,icv Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:33:41 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 35% Max. R.T. Dev 0.50min
Max. RRF Dev : 65% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
--	----------	-------	------	------	-------	----------

Initial Calibration Verification

Job Number:

Account:

Project:

M93042
GSCNYB Kleinfelder
EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Sample:

Lab FileID:

GVU1253-ICV1253
VU27929.D

Signal #2

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

VU27924.D FM070610.M Wed Jul 07 09:36:32 2010 RPT1

5.6.2
5

Continuing Calibration Summary

Page 1 of 2

Job Number: M93042

Sample:

GVU1262-CC1253

Account: GSCNYB Kleinfelder

Lab FileID:

VU28077.D

Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Evaluate Continuing Calibration Report

Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1b.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : cc1253-50,form 50 Inst : G1315A
Misc : op22090,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1a.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 08:28:00 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 85% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 115%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	Formaldehyde	44.466	29.894 E3	32.8#	102	0.00
2	Acetaldehyde	67.665	47.575 E3	29.7#	99	0.00
3 s	Butyraldehyde	22.890	22.540 E3	1.5	100	-0.02

Signal #2

1	Formaldehyde	126.806	81.728 E3	35.5#	102	0.00
2	Acetaldehyde	160.538	92.886 E3	42.1#	101	0.00
3 s	Butyraldehyde	38.164	41.332 E3	-8.3	101	-0.02

Evaluate Continuing Calibration Report - Not Found

Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1b.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : cc1253-50,form 50 Inst : G1315A
Misc : op22090,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1a.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 08:28:00 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 85% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 115%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
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Continuing Calibration Summary

Job Number:

Account:

Project:

M93042
GSCNYB Kleinfelder
EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Sample:

Lab FileID:

GVU1262-CC1253
VU28077.D

Signal #2

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

VU28055.D FM072710.M Tue Jul 27 13:42:15 2010 RPT1

5.6.3
5

Continuing Calibration Summary

Job Number: M93042

Sample: GVU1262-ECC1253

Account: GSCNYB Kleinfelder

Lab FileID: VU28088.D

Project: EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Evaluate Continuing Calibration Report

Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1b.ch Vial: 51
Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
Sample : ecc1253-50,form 50 Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1a.ch Vial: 51
Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 85% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 115%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	Formaldehyde	44.466	29.894 E3	32.8#	102	-0.03
2	Acetaldehyde	67.665	47.655 E3	29.6#	99	-0.03
3 s	Butyraldehyde	22.890	23.461 E3	-2.5	104	-0.05

Signal #2

1	Formaldehyde	126.806	81.563 E3	35.7#	101	-0.03
2	Acetaldehyde	160.538	92.689 E3	42.3#	101	-0.03
3 s	Butyraldehyde	38.164	42.527 E3	-11.4	104	-0.05

Evaluate Continuing Calibration Report - Not Found

Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1b.ch Vial: 51
Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
Sample : ecc1253-50,form 50 Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1a.ch Vial: 51
Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 85% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 115%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
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Continuing Calibration Summary

Job Number:

Account:

Project:

M93042
GSCNYB Kleinfelder
EXXON:Former Pratt Oil Works, Inland Parcels (Tract I)-Parcel I

Sample:

Lab FileID:

GVU1262-ECC1253
VU28088.D

Signal #2

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

VU28077.D FM072710.M Tue Jul 27 14:46:43 2010 RPT1

5.6.4
5



GC Semi-volatiles

Raw Data

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Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28086.D\dad1b.ch Vial: 27
Acq On : 27-Jul-2010, 13:25:01 Operator: caobinz
Sample : m93042-1 Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28086.D\dad1a.ch Vial: 27
Acq On : 27-Jul-2010, 13:25:01 Operator: caobinz
Sample : m93042-1 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Quant Time: Jul 27 14:00 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Initial Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.32	13.32	1008509	1809001	47.076m	46.801m
Spiked Amount	50.000	Range	10 - 115	Recovery	= 94.15%	93.60%
Target Compounds						
1) Formaldehyde	8.02	8.02	79776	198548	0.892m	0.504m#

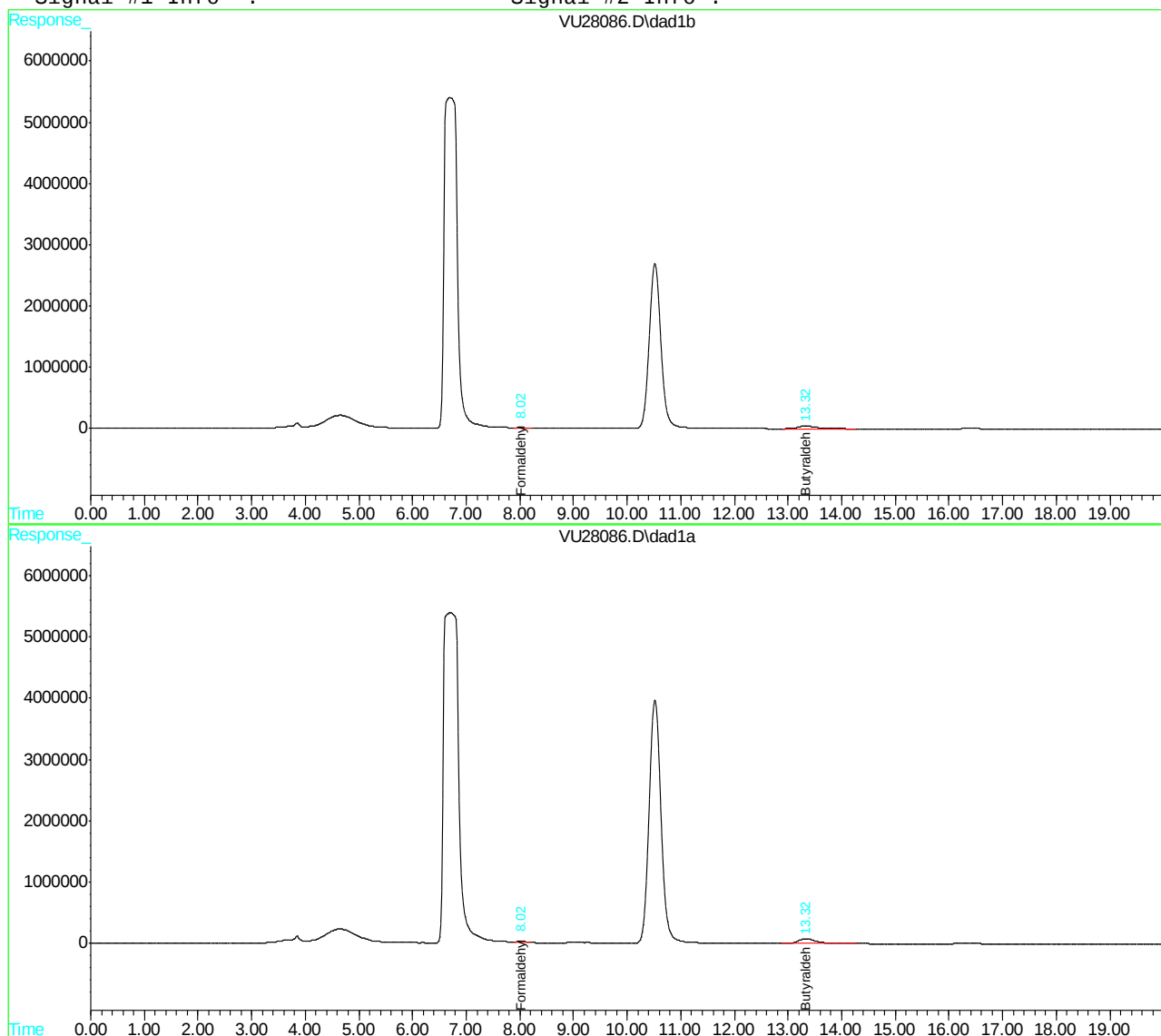
Quantitation Report

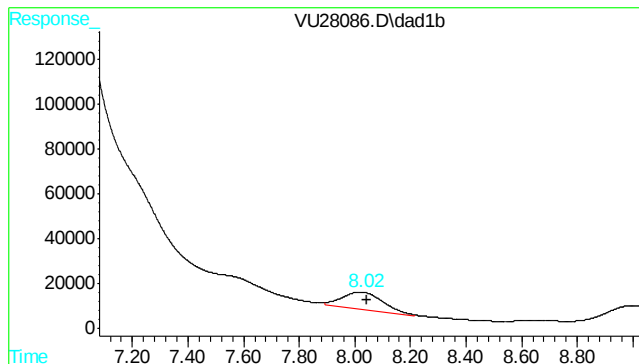
Data File : K:\HPLC2\DATA\072710\VU28086.D\dad1b.ch Vial: 27
Acq On : 27-Jul-2010, 13:25:01 Operator: caobinz
Sample : m93042-1 Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28086.D\dad1a.ch Vial: 27
Acq On : 27-Jul-2010, 13:25:01 Operator: caobinz
Sample : m93042-1 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 14:00 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

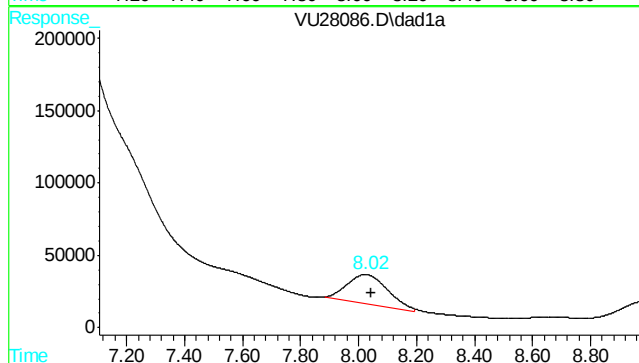
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





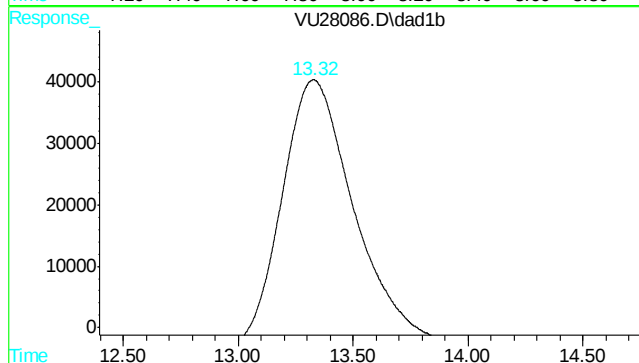
#1 Formaldehyde

R.T.: 8.023 min
Delta R.T.: -0.020 min
Response: 79776
Conc: 0.89 ppm m



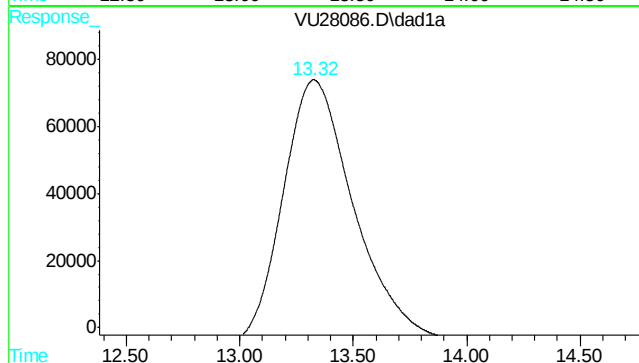
#1 Formaldehyde

R.T.: 8.023 min
Delta R.T.: -0.020 min
Response: 198548
Conc: 0.50 ppm m



#3 Butyraldehyde

R.T.: 13.323 min
Delta R.T.: -0.011 min
Response: 1008509
Conc: 47.08 ug/ml m



#3 Butyraldehyde

R.T.: 13.323 min
Delta R.T.: -0.011 min
Response: 1809001
Conc: 46.80 ug/ml m

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28087.D\dad1b.ch Vial: 28
Acq On : 27-Jul-2010, 13:45:56 Operator: caobinz
Sample : m93042-2 Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28087.D\dad1a.ch Vial: 28
Acq On : 27-Jul-2010, 13:45:56 Operator: caobinz
Sample : m93042-2 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p

Quant Time: Jul 27 14:19 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Initial Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.39	13.39	871141	1584434	40.197m	40.637m
Spiked Amount	50.000	Range	10 - 115	Recovery	=	80.39% 81.27%

Target Compounds

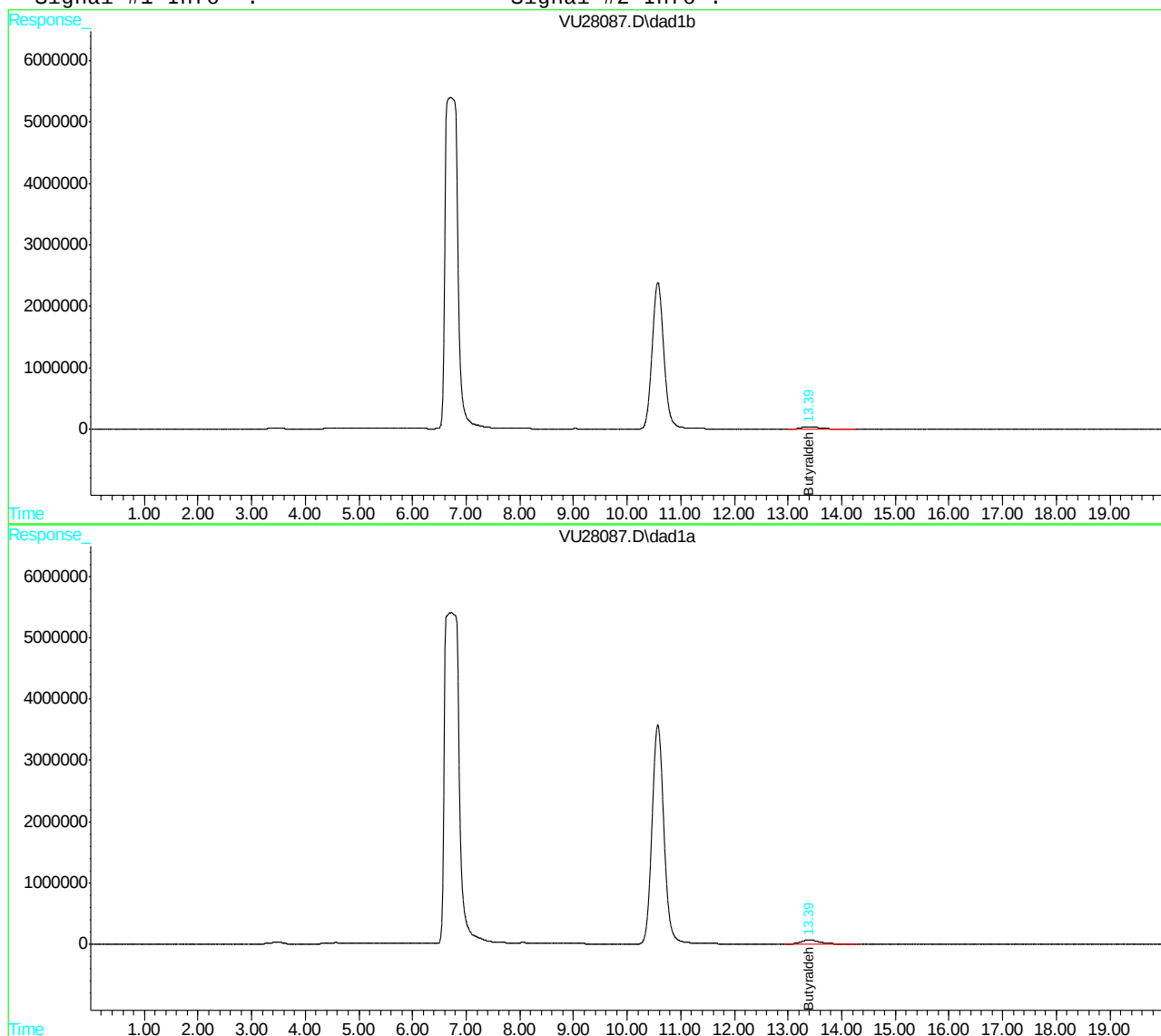
Quantitation Report

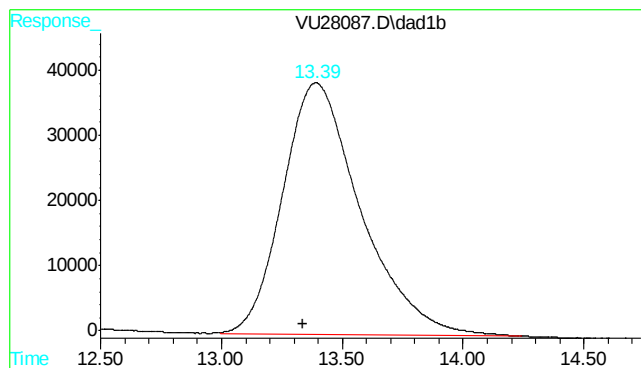
Data File : K:\HPLC2\DATA\072710\VU28087.D\dad1b.ch Vial: 28
Acq On : 27-Jul-2010, 13:45:56 Operator: caobinz
Sample : m93042-2 Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28087.D\dad1a.ch Vial: 28
Acq On : 27-Jul-2010, 13:45:56 Operator: caobinz
Sample : m93042-2 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 14:19 2010 Quant Results File: FM072710.RES

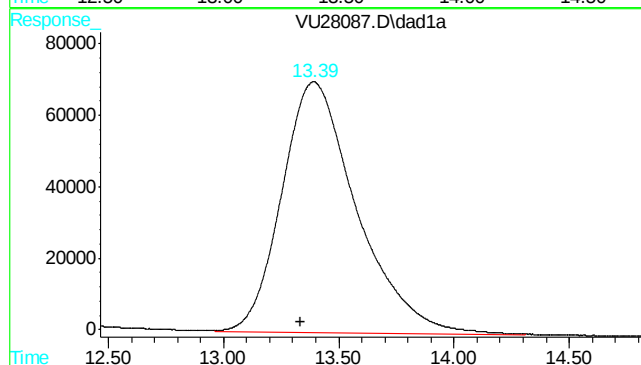
Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





#3 Butyraldehyde
 R.T.: 13.389 min
 Delta R.T.: 0.055 min
 Response: 871141
 Conc: 40.20 ug/ml m



#3 Butyraldehyde
 R.T.: 13.389 min
 Delta R.T.: 0.055 min
 Response: 1584434
 Conc: 40.64 ug/ml m

John Hamilton
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Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28080.D\dad1b.ch Vial: 21
Acq On : 27-Jul-2010, 11:19:29 Operator: caobinz
Sample : op22065-mb Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28080.D\dad1a.ch Vial: 21
Acq On : 27-Jul-2010, 11:19:29 Operator: caobinz
Sample : op22065-mb Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 13:52 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Initial Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.31	13.32	145382	240193	7.432m	7.240m
Spiked Amount	50.000	Range	10 - 115	Recovery	=	14.86% 14.48%
Target Compounds						
1) Formaldehyde	8.03	8.04	180933	496519	4.122m	3.977m
2) Acetaldehyde	9.00	8.99	174009	359134	2.427m	0.968m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
VU28080.D FM072710.M Tue Jul 27 14:02:03 2010 RPT1

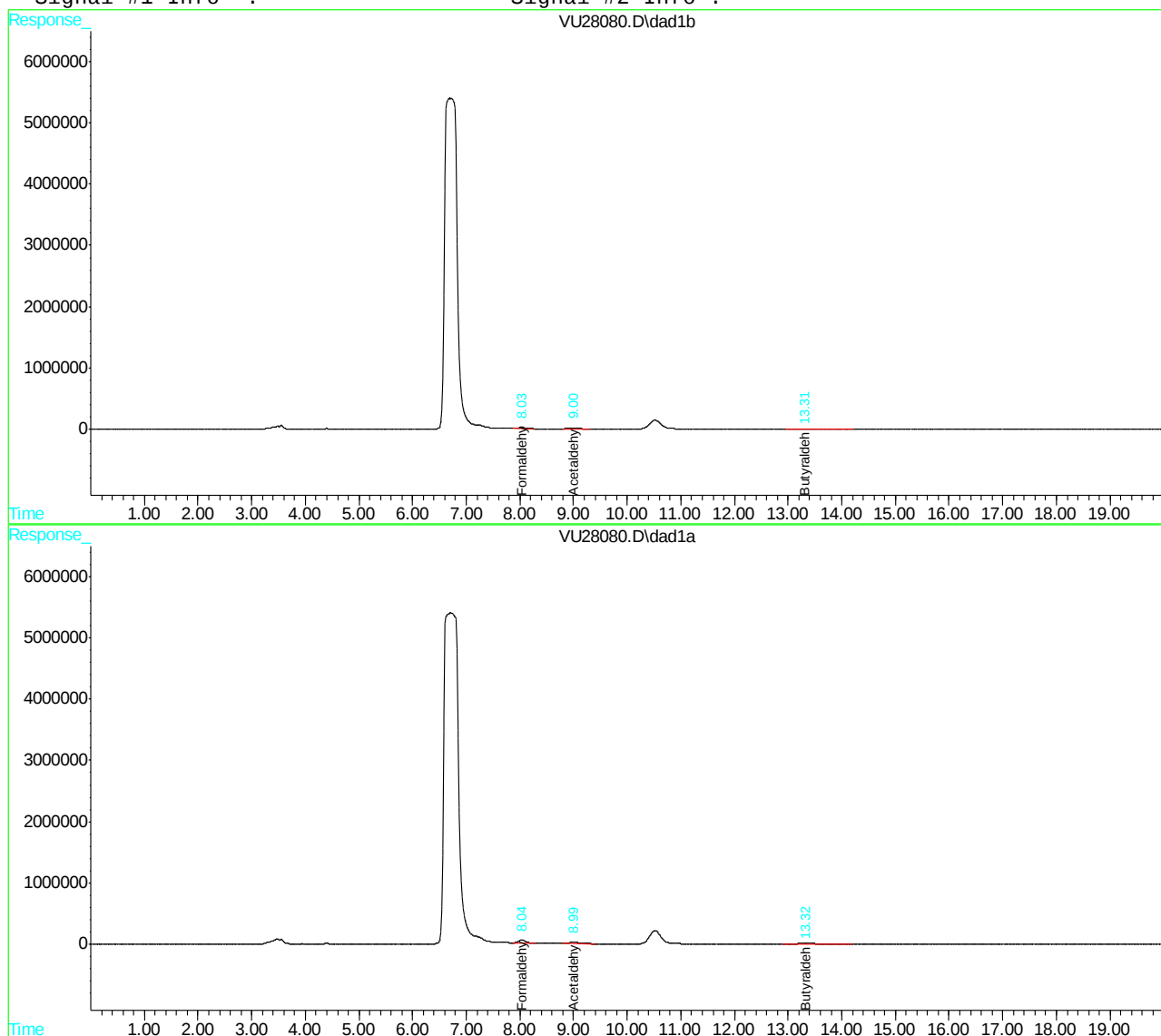
Quantitation Report

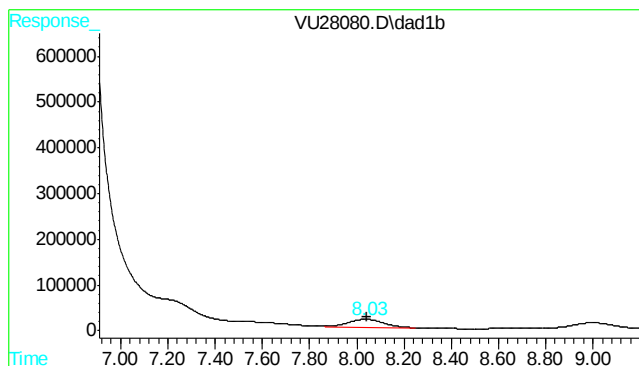
Data File : K:\HPLC2\DATA\072710\VU28080.D\dad1b.ch Vial: 21
Acq On : 27-Jul-2010, 11:19:29 Operator: caobinz
Sample : op22065-mb Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28080.D\dad1a.ch Vial: 21
Acq On : 27-Jul-2010, 11:19:29 Operator: caobinz
Sample : op22065-mb Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 13:52 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

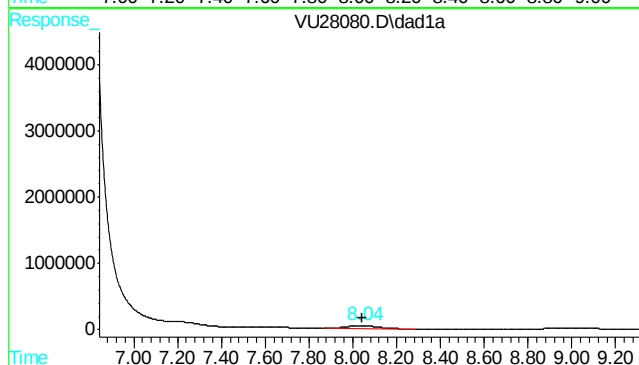
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





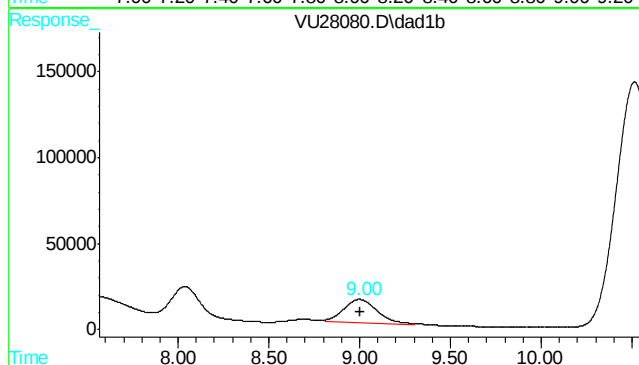
#1 Formaldehyde

R.T.: 8.034 min
Delta R.T.: -0.009 min
Response: 180933
Conc: 4.12 ppm m



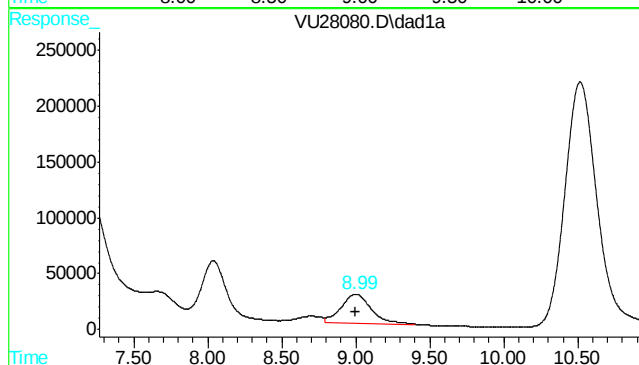
#1 Formaldehyde

R.T.: 8.036 min
Delta R.T.: -0.007 min
Response: 496519
Conc: 3.98 ppm m



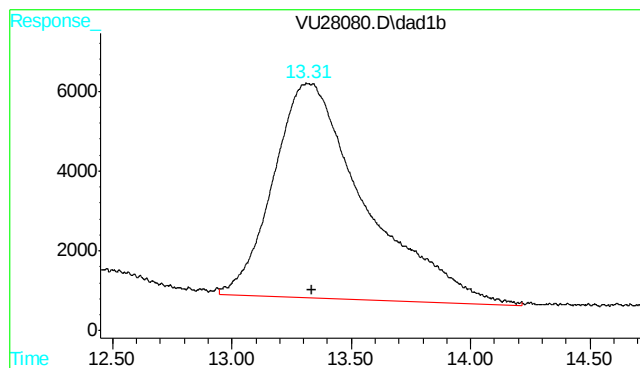
#2 Acetaldehyde

R.T.: 8.997 min
Delta R.T.: -0.006 min
Response: 174009
Conc: 2.43 ppm m



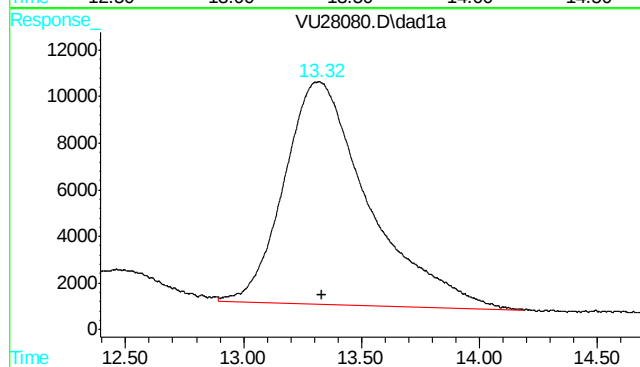
#2 Acetaldehyde

R.T.: 8.994 min
Delta R.T.: -0.007 min
Response: 359134
Conc: 0.97 ppm m



#3 Butyraldehyde

R.T.: 13.310 min
Delta R.T.: -0.024 min
Response: 145382
Conc: 7.43 ug/ml m



#3 Butyraldehyde

R.T.: 13.324 min
Delta R.T.: -0.011 min
Response: 240193
Conc: 7.24 ug/ml m

John Hamilton
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Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28081.D\dad1b.ch Vial: 22
Acq On : 27-Jul-2010, 11:40:23 Operator: caobinz
Sample : op22065-bs Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28081.D\dad1a.ch Vial: 22
Acq On : 27-Jul-2010, 11:40:23 Operator: caobinz
Sample : op22065-bs Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 13:53 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Initial Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.28	13.30	130531	211370	6.813m	6.578m
Spiked Amount	50.000	Range	10 - 115	Recovery	=	13.63% 13.16%
Target Compounds						
1) Formaldehyde	8.02	8.02	1460111	3868379	51.564m	49.611m
2) Acetaldehyde	8.98	8.98	2271423	4290408	49.436m	48.754m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
VU28081.D FM072710.M Tue Jul 27 14:02:08 2010 RPT1

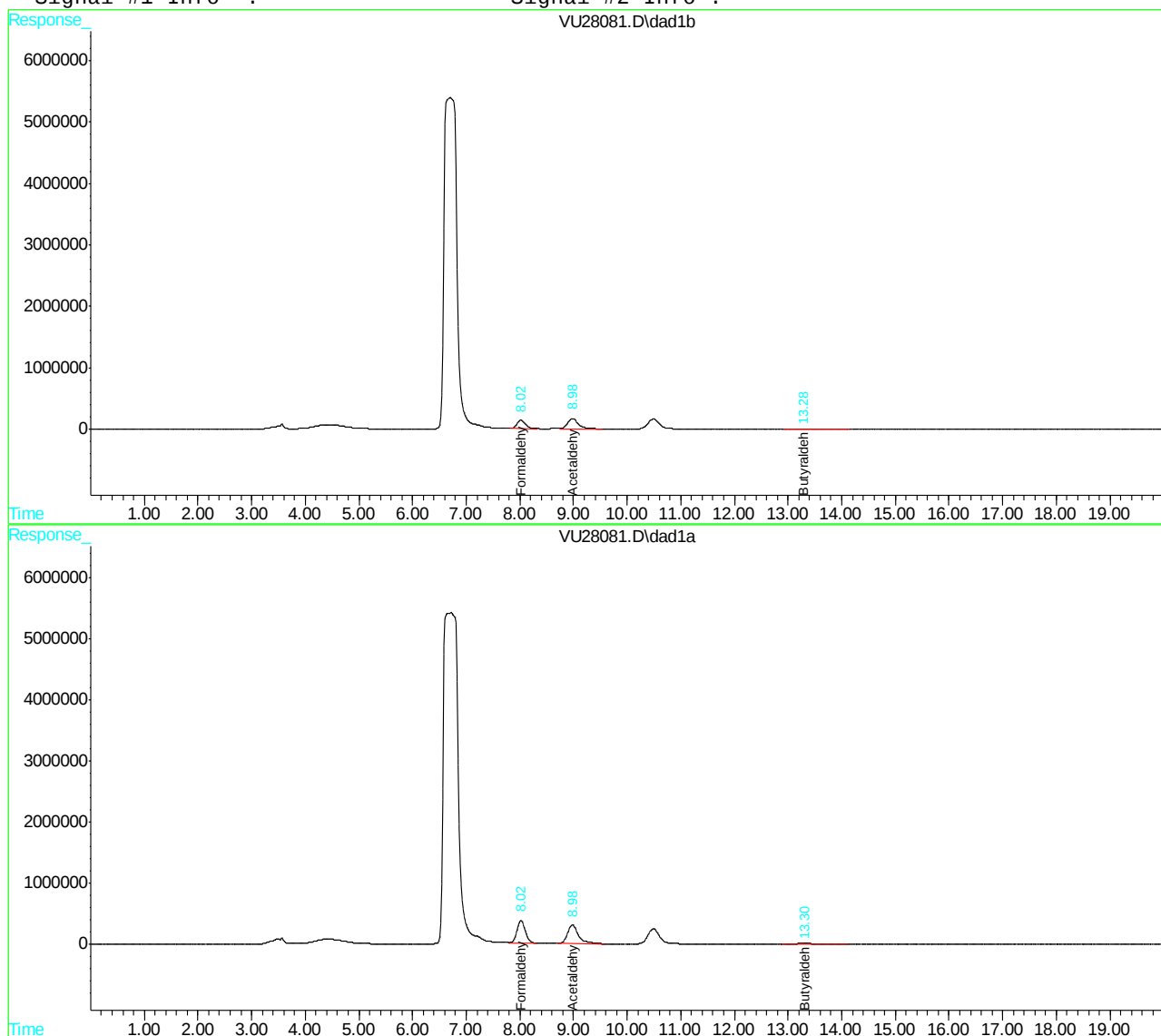
Quantitation Report

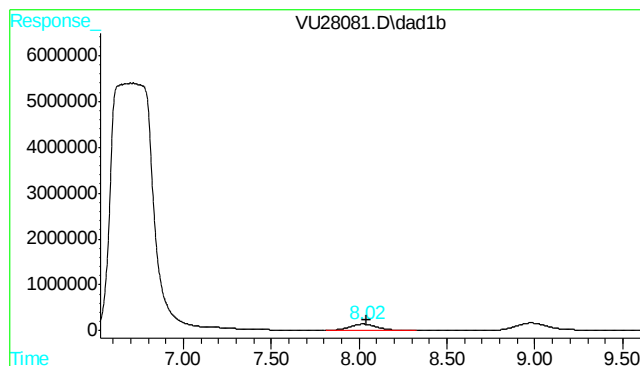
Data File : K:\HPLC2\DATA\072710\VU28081.D\dad1b.ch Vial: 22
Acq On : 27-Jul-2010, 11:40:23 Operator: caobinz
Sample : op22065-bs Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28081.D\dad1a.ch Vial: 22
Acq On : 27-Jul-2010, 11:40:23 Operator: caobinz
Sample : op22065-bs Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 13:53 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

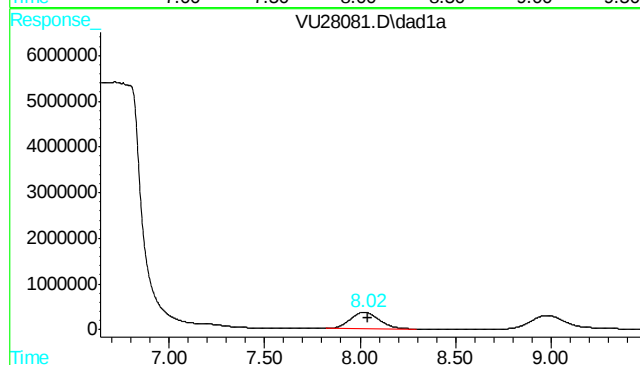
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





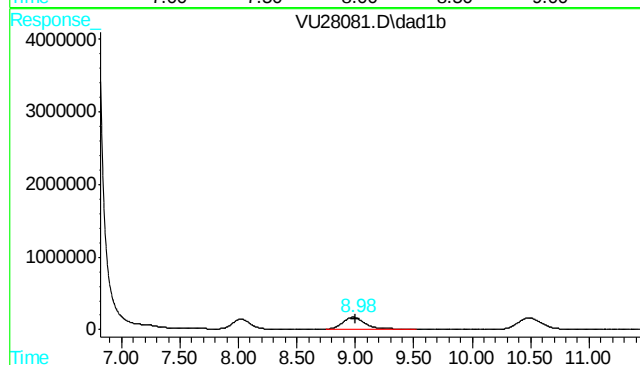
#1 Formaldehyde

R.T.: 8.020 min
Delta R.T.: -0.023 min
Response: 1460111
Conc: 51.56 ppm m



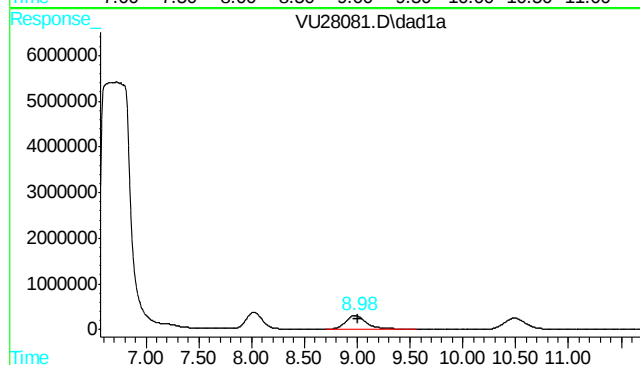
#1 Formaldehyde

R.T.: 8.020 min
Delta R.T.: -0.023 min
Response: 3868379
Conc: 49.61 ppm m



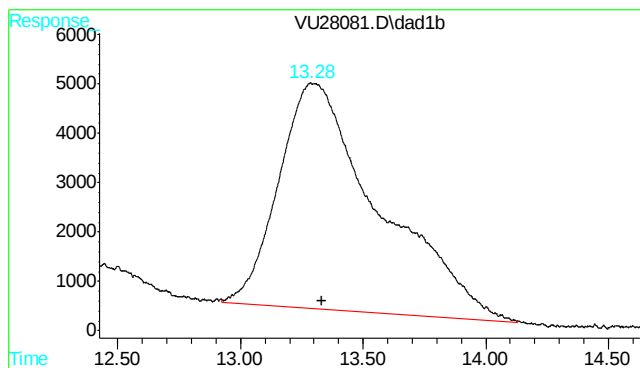
#2 Acetaldehyde

R.T.: 8.978 min
Delta R.T.: -0.025 min
Response: 2271423
Conc: 49.44 ppm m



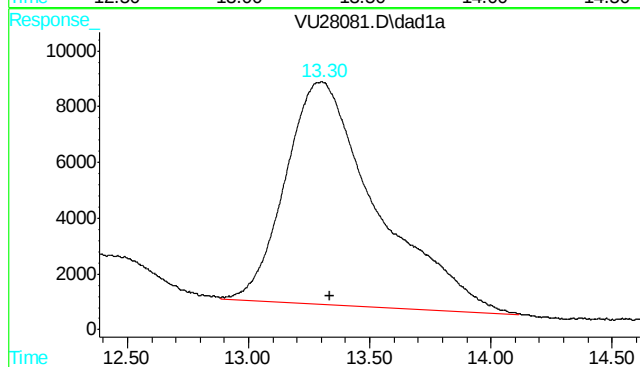
#2 Acetaldehyde

R.T.: 8.978 min
Delta R.T.: -0.023 min
Response: 4290408
Conc: 48.75 ppm m



#3 Butyraldehyde

R.T.: 13.283 min
Delta R.T.: -0.051 min
Response: 130531
Conc: 6.81 ug/ml m



#3 Butyraldehyde

R.T.: 13.302 min
Delta R.T.: -0.033 min
Response: 211370
Conc: 6.58 ug/ml m

6.3.1

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John Hamilton
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Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28082.D\dad1b.ch Vial: 23
 Acq On : 27-Jul-2010, 12:01:16 Operator: caobinz
 Sample : op22065-ms Inst : G1315A
 Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28082.D\dad1a.ch Vial: 23
 Acq On : 27-Jul-2010, 12:01:16 Operator: caobinz
 Sample : op22065-ms Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 27 13:54 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
 Title : LC8315FORM/070610/ic1253/op21796
 Last Update : Tue Jul 27 13:42:32 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.28	13.30	138653	225494	7.152m	6.903m
Spiked Amount	50.000	Range	10 - 115	Recovery	=	14.30% 13.81%
Target Compounds						
1) Formaldehyde	8.03	8.03	1513389	4066214	53.913m	52.799m
2) Acetaldehyde	8.99	8.99	2257871	4240703	49.072m	48.055m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 VU28082.D FM072710.M Tue Jul 27 14:02:15 2010 RPT1

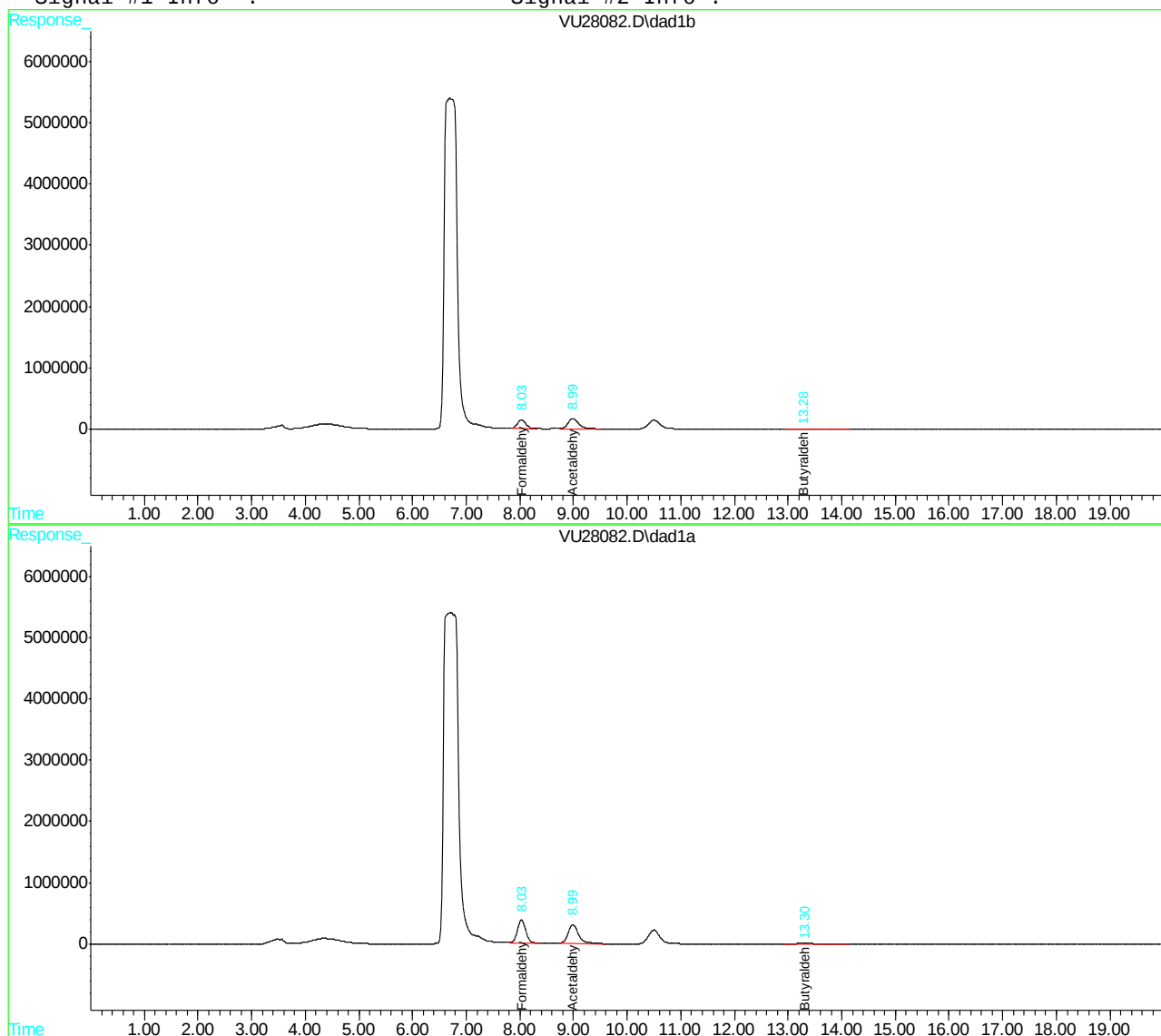
Quantitation Report

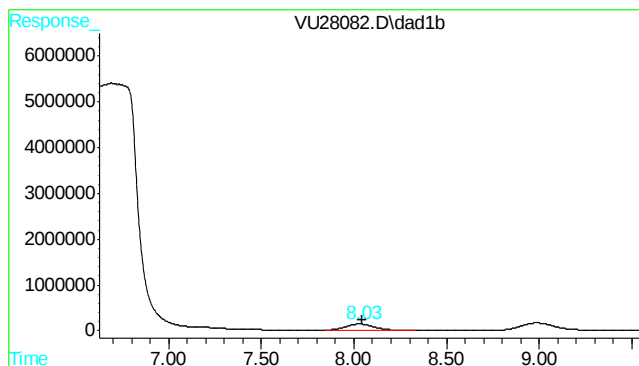
Data File : K:\HPLC2\DATA\072710\VU28082.D\dad1b.ch Vial: 23
Acq On : 27-Jul-2010, 12:01:16 Operator: caobinz
Sample : op22065-ms Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28082.D\dad1a.ch Vial: 23
Acq On : 27-Jul-2010, 12:01:16 Operator: caobinz
Sample : op22065-ms Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 13:54 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

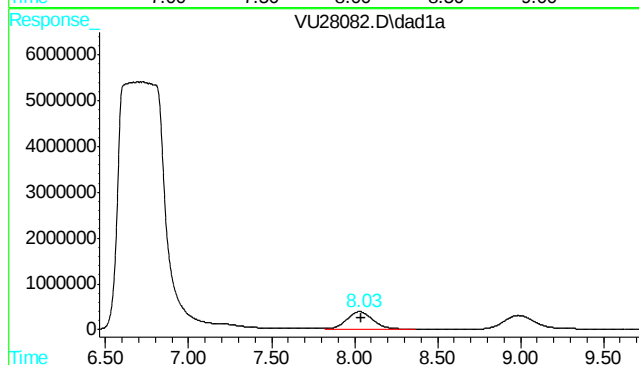
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





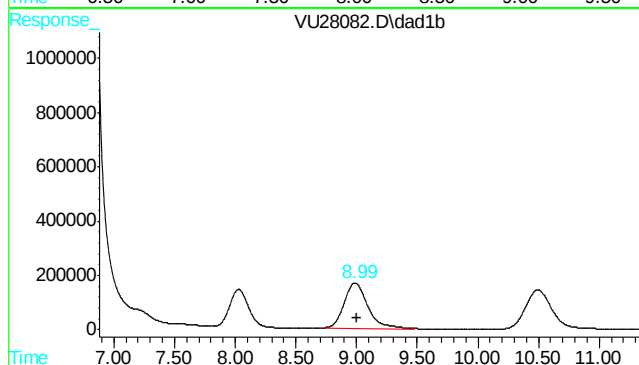
#1 Formaldehyde

R.T.: 8.027 min
Delta R.T.: -0.016 min
Response: 1513389
Conc: 53.91 ppm m



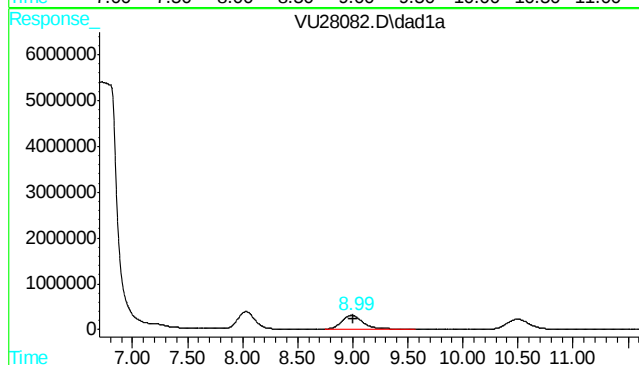
#1 Formaldehyde

R.T.: 8.027 min
Delta R.T.: -0.016 min
Response: 4066214
Conc: 52.80 ppm m



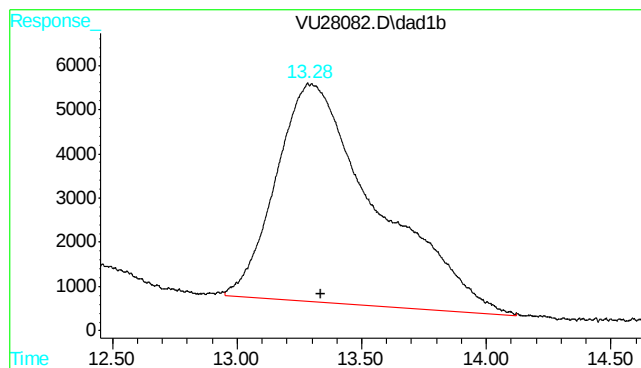
#2 Acetaldehyde

R.T.: 8.985 min
Delta R.T.: -0.018 min
Response: 2257871
Conc: 49.07 ppm m



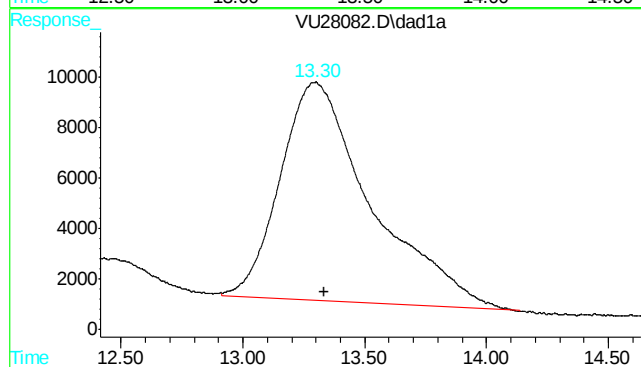
#2 Acetaldehyde

R.T.: 8.985 min
Delta R.T.: -0.016 min
Response: 4240703
Conc: 48.06 ppm m



#3 Butyraldehyde

R.T.: 13.284 min
Delta R.T.: -0.051 min
Response: 138653
Conc: 7.15 ug/ml m



#3 Butyraldehyde

R.T.: 13.299 min
Delta R.T.: -0.036 min
Response: 225494
Conc: 6.90 ug/ml m

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28083.D\dad1b.ch Vial: 24
 Acq On : 27-Jul-2010, 12:22:13 Operator: caobinz
 Sample : op22065-msd Inst : G1315A
 Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28083.D\dad1a.ch Vial: 24
 Acq On : 27-Jul-2010, 12:22:13 Operator: caobinz
 Sample : op22065-msd Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 27 13:56 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
 Title : LC8315FORM/070610/ic1253/op21796
 Last Update : Tue Jul 27 13:42:32 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.35	13.35	147580	245029	7.524m	7.352m
Spiked Amount	50.000	Range	10 - 115	Recovery	=	15.05% 14.70%
Target Compounds						
1) Formaldehyde	8.03	8.03	1687673	4530719	61.911m	60.621m
2) Acetaldehyde	9.00	9.00	2610363	4787706	58.923m	55.935m

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 VU28083.D FM072710.M Tue Jul 27 14:02:21 2010 RPT1

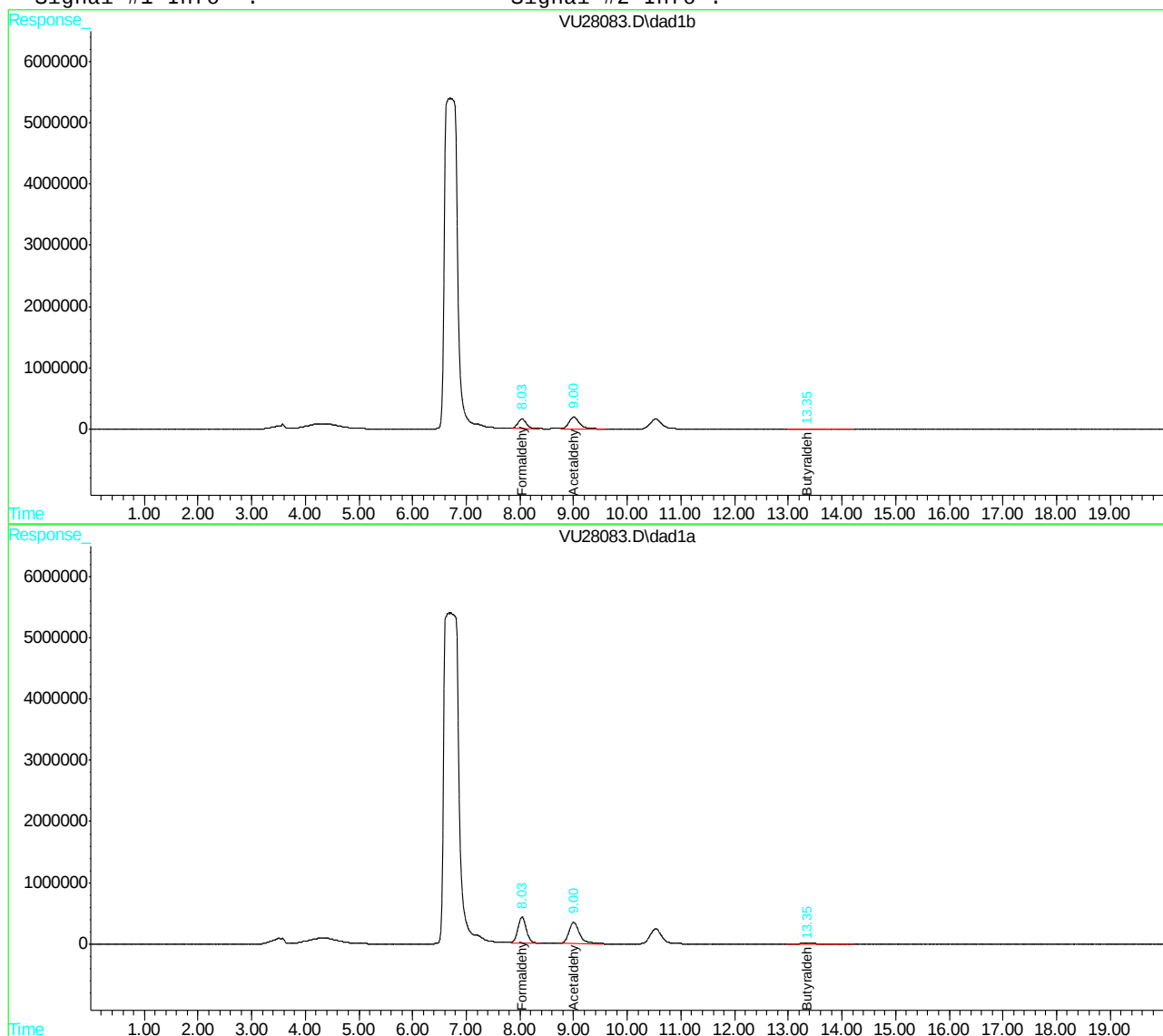
Quantitation Report

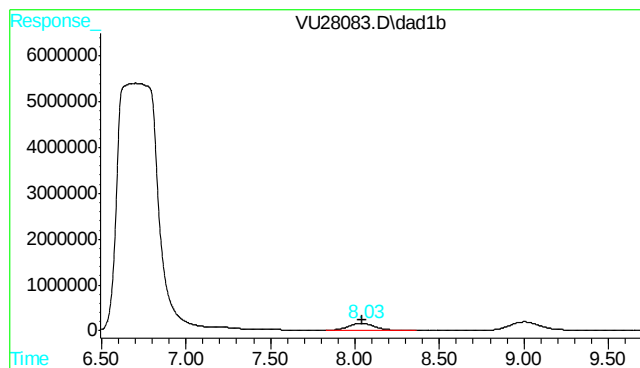
Data File : K:\HPLC2\DATA\072710\VU28083.D\dad1b.ch Vial: 24
Acq On : 27-Jul-2010, 12:22:13 Operator: caobinz
Sample : op22065-msd Inst : G1315A
Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28083.D\dad1a.ch Vial: 24
Acq On : 27-Jul-2010, 12:22:13 Operator: caobinz
Sample : op22065-msd Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 13:56 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

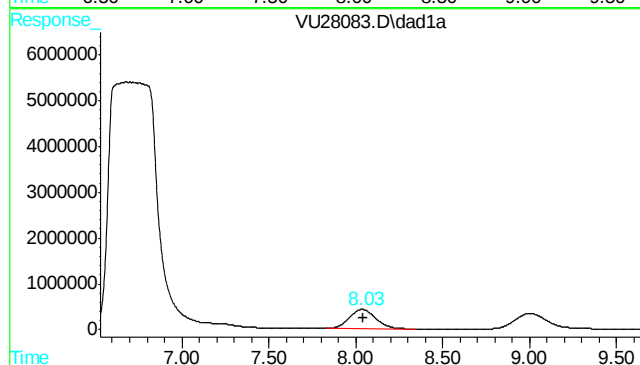
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





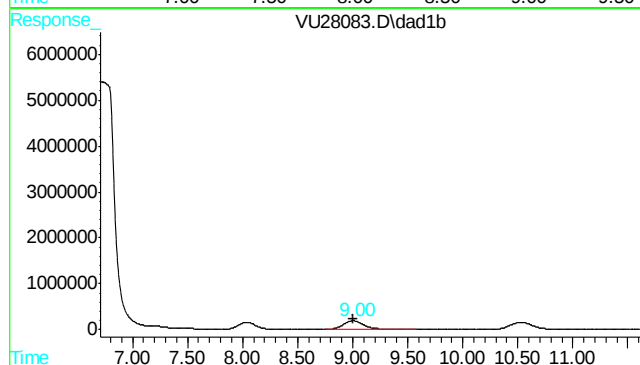
#1 Formaldehyde

R.T.: 8.034 min
Delta R.T.: -0.009 min
Response: 1687673
Conc: 61.91 ppm m



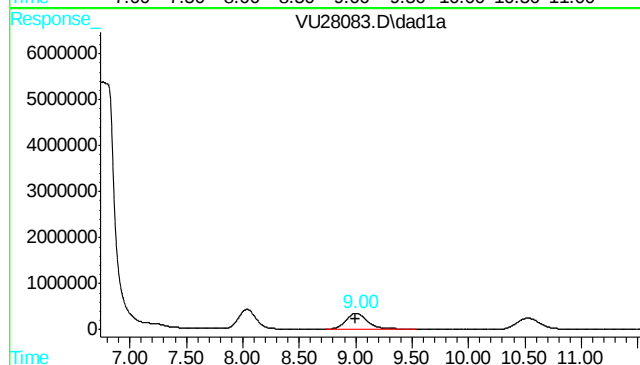
#1 Formaldehyde

R.T.: 8.034 min
Delta R.T.: -0.009 min
Response: 4530719
Conc: 60.62 ppm m



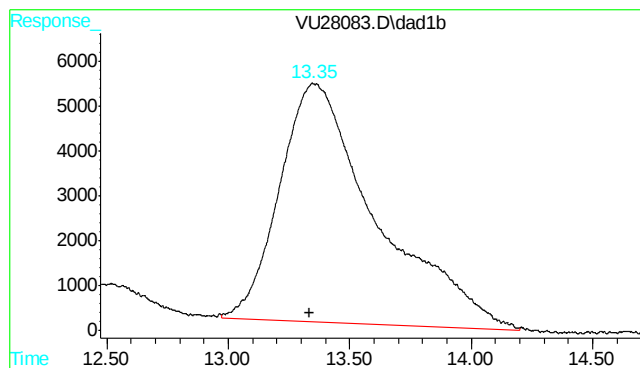
#2 Acetaldehyde

R.T.: 8.999 min
Delta R.T.: -0.004 min
Response: 2610363
Conc: 58.92 ppm m



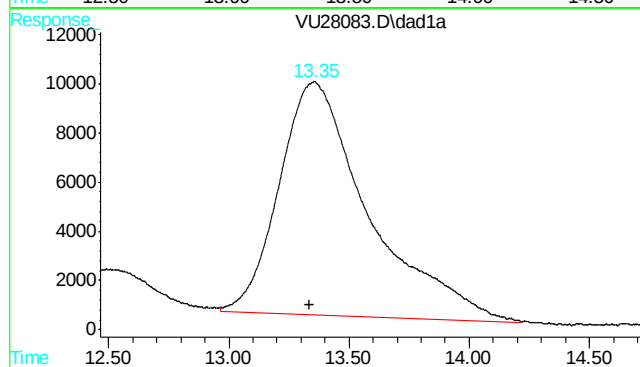
#2 Acetaldehyde

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 4787706
Conc: 55.94 ppm m



#3 Butyraldehyde

R.T.: 13.346 min
Delta R.T.: 0.011 min
Response: 147580
Conc: 7.52 ug/ml m



#3 Butyraldehyde

R.T.: 13.353 min
Delta R.T.: 0.018 min
Response: 245029
Conc: 7.35 ug/ml m

John Hamilton
07/08/10 11:09

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\070610\VU27923.D\dad1b.ch Vial: 1
 Acq On : 06-Jul-2010, 15:01:17 Operator: caobinz
 Sample : ic1253-100,form 100 Inst : G1315A
 Misc : op21785,gvu1253,25,,,1,,soil Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27923.D\dad1a.ch Vial: 1
 Acq On : 06-Jul-2010, 15:01:17 Operator: sonal
 Sample : form 100 Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 7 9:18 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
 Title : LC8315FORM/032310/ic1209/op20876
 Last Update : Tue Jun 29 17:17:07 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.10	13.10	1878978	3420222	99.280m	99.884m
Spiked Amount	50.000	Range	20 - 115	Recovery	=	198.56%# 199.77%#
Target Compounds						
1) Formaldehyde	7.97	7.97	2359089	6395037	106.386	101.992
2) Acetaldehyde	8.91	8.91	3730143	7267805	89.512	97.012

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 VU27923.D FM070610.M Wed Jul 07 09:42:27 2010 RPT1

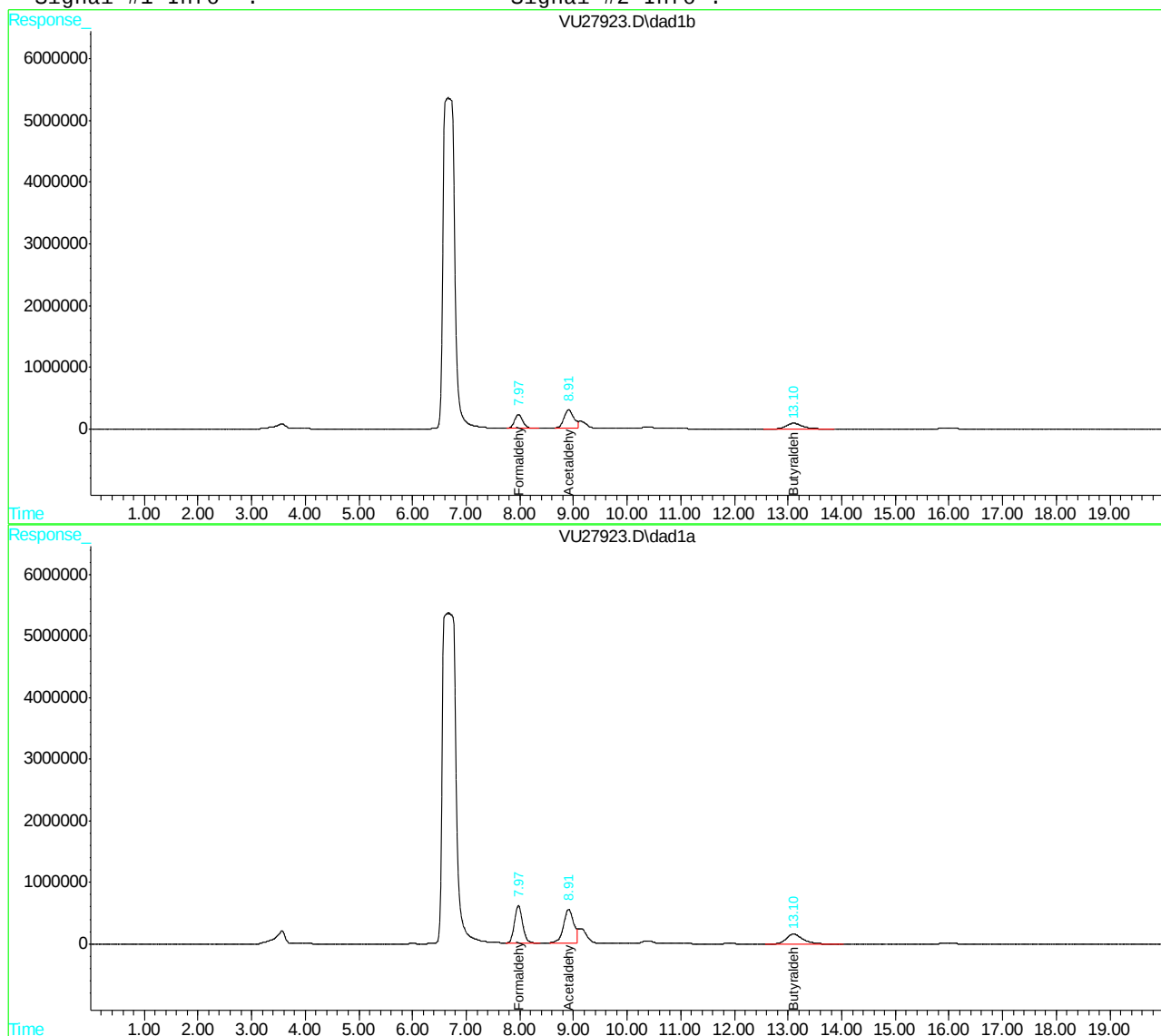
Quantitation Report

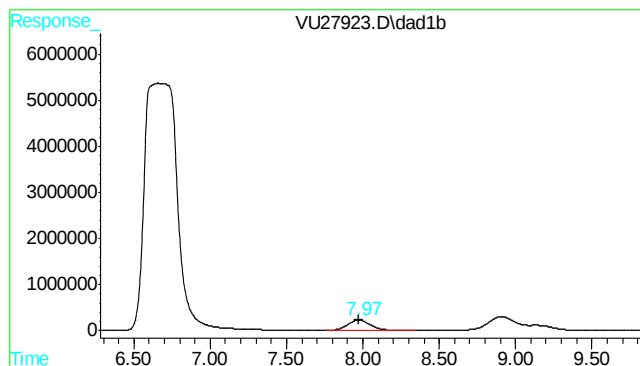
Data File : K:\HPLC2\DATA\070610\VU27923.D\dad1b.ch Vial: 1
Acq On : 06-Jul-2010, 15:01:17 Operator: caobinz
Sample : ic1253-100,form 100 Inst : G1315A
Misc : op21785,gvu1253,25,,1,,soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27923.D\dad1a.ch Vial: 1
Acq On : 06-Jul-2010, 15:01:17 Operator: sonal
Sample : form 100 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:18 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Tue Jun 29 17:17:07 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

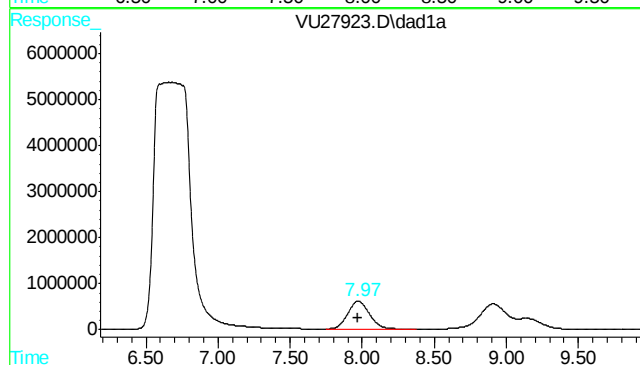
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





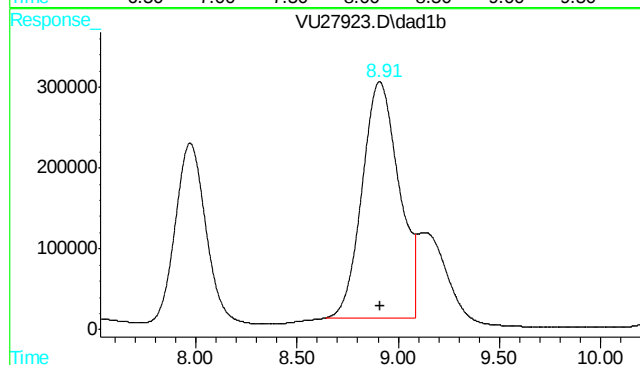
#1 Formaldehyde

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 2359089
Conc: 106.39 ppm



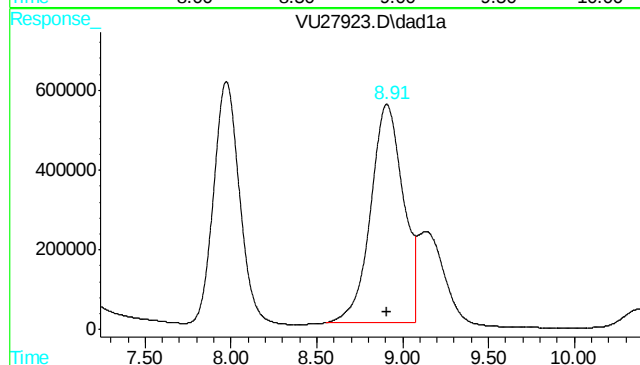
#1 Formaldehyde

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 6395037
Conc: 101.99 ppm



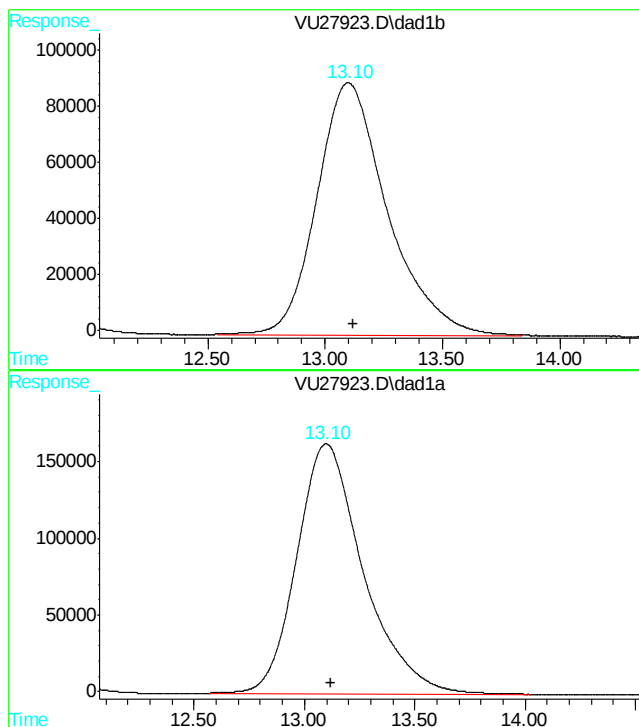
#2 Acetaldehyde

R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 3730143
Conc: 89.51 ppm



#2 Acetaldehyde

R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 7267805
Conc: 97.01 ppm



#3 Butyraldehyde

R.T.: 13.096 min
Delta R.T.: -0.026 min
Response: 1878978
Conc: 99.28 ug/ml m

#3 Butyraldehyde

R.T.: 13.096 min
Delta R.T.: -0.026 min
Response: 3420222
Conc: 99.88 ug/ml m

6.5.1

6

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\070610\VU27924.D\dad1b.ch Vial: 2
 Acq On : 06-Jul-2010, 15:22:12 Operator: caobinz
 Sample : icc1253-50, form 50 Inst : G1315A
 Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27924.D\dad1a.ch Vial: 2
 Acq On : 06-Jul-2010, 15:22:12 Operator: sonal
 Sample : form 50 Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 7 9:21 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
 Title : LC8315FORM/032310/ic1209/op20876
 Last Update : Wed Jul 07 09:19:45 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.11	13.11	1131974	2040851	54.320m	53.892m
Spiked Amount	50.000	Range	20 - 115	Recovery	= 108.64%	107.78%
Target Compounds						
1) Formaldehyde	7.98	7.98	1466202	4020054	54.905m	54.055m
2) Acetaldehyde	8.91	8.91	2407860	4582061	48.380m	46.580m

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 VU27924.D FM070610.M Wed Jul 07 09:42:31 2010 RPT1

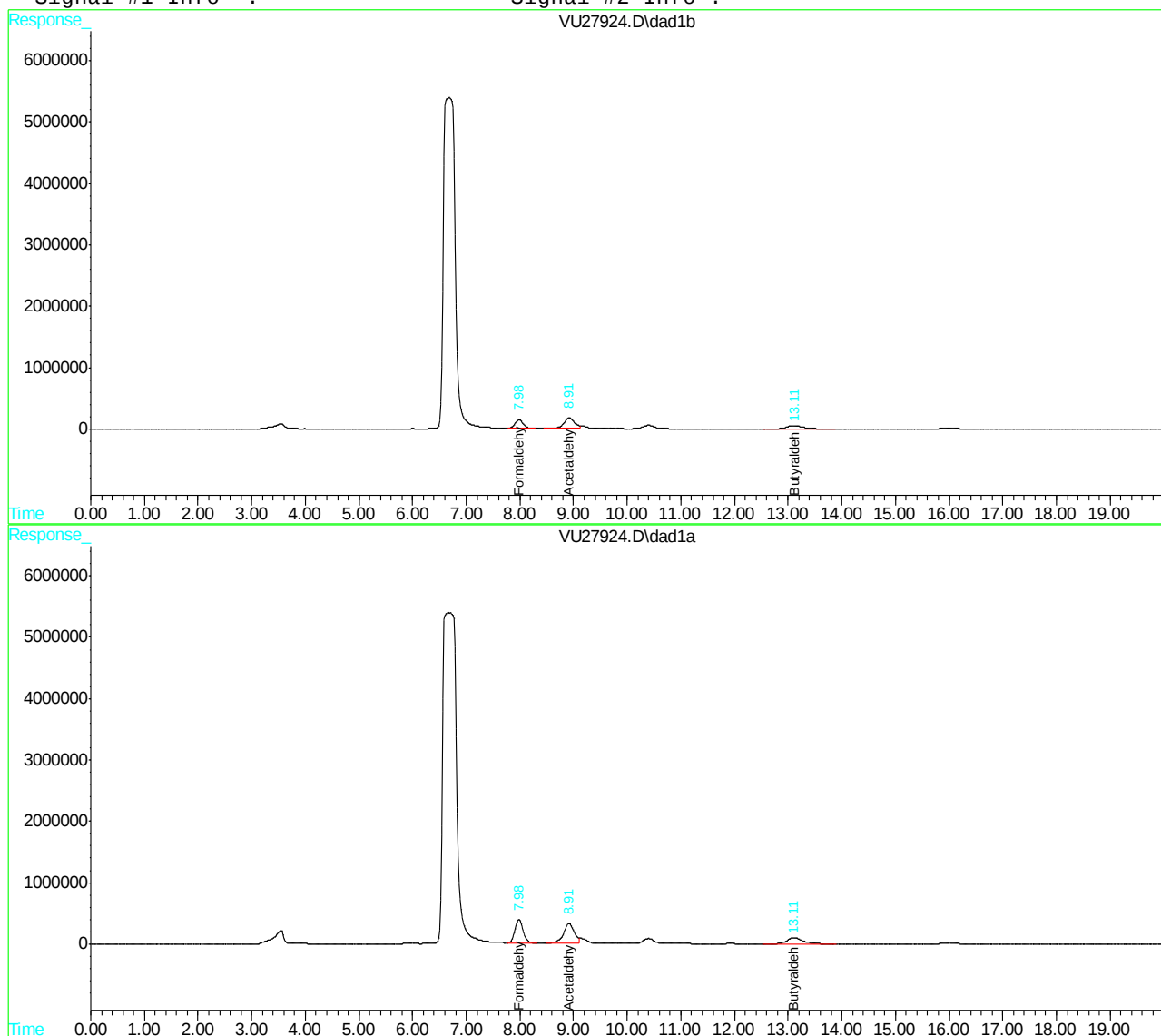
Quantitation Report

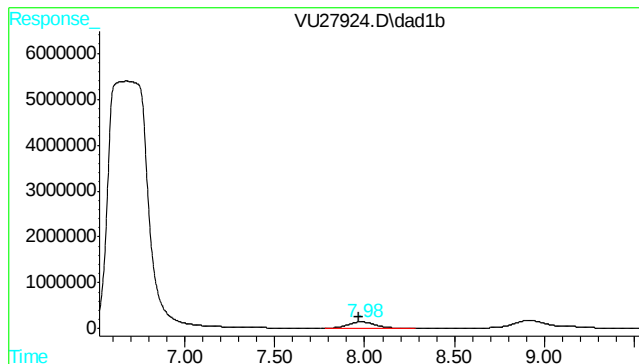
Data File : K:\HPLC2\DATA\070610\VU27924.D\dad1b.ch Vial: 2
Acq On : 06-Jul-2010, 15:22:12 Operator: caobinz
Sample : icc1253-50, form 50 Inst : G1315A
Misc : op21785, gvu1253, 25, , 1, , soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27924.D\dad1a.ch Vial: 2
Acq On : 06-Jul-2010, 15:22:12 Operator: sonal
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:21 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:19:45 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

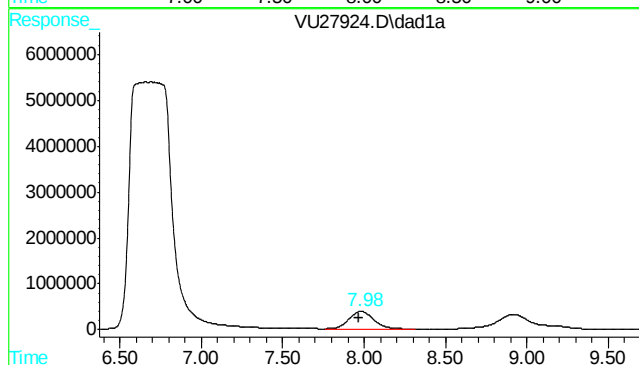
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





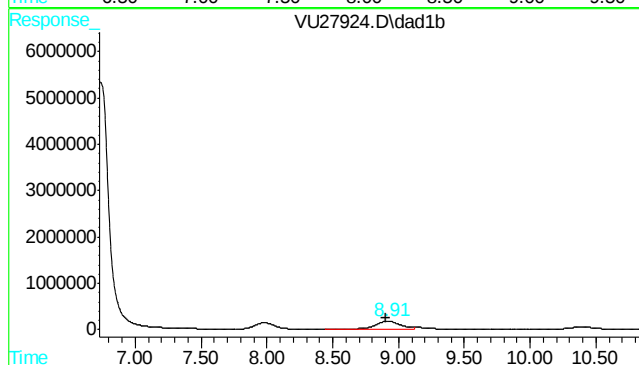
#1 Formaldehyde

R.T.: 7.978 min
Delta R.T.: 0.007 min
Response: 1466202
Conc: 54.91 ppm m



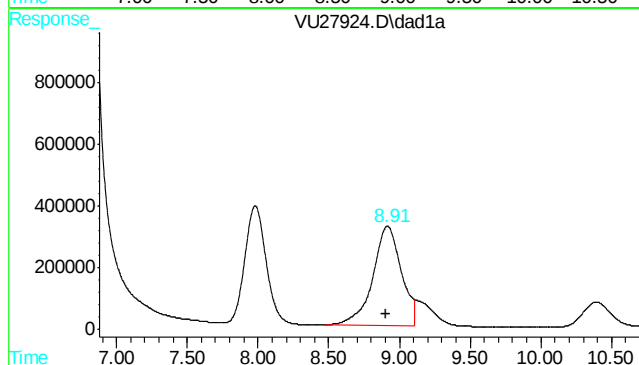
#1 Formaldehyde

R.T.: 7.978 min
Delta R.T.: 0.007 min
Response: 4020054
Conc: 54.06 ppm m



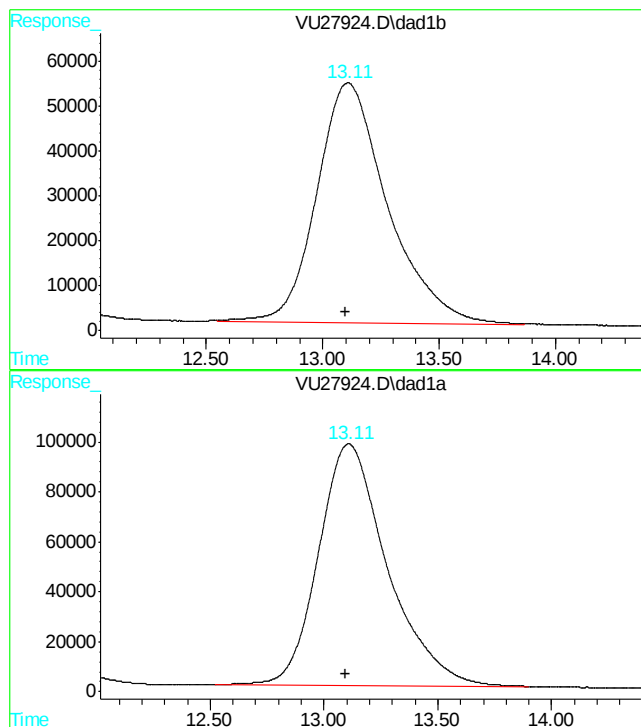
#2 Acetaldehyde

R.T.: 8.915 min
Delta R.T.: 0.009 min
Response: 2407860
Conc: 48.38 ppm m



#2 Acetaldehyde

R.T.: 8.913 min
Delta R.T.: 0.007 min
Response: 4582061
Conc: 46.58 ppm m



#3 Butyraldehyde

R.T.: 13.108 min
Delta R.T.: 0.012 min
Response: 1131974
Conc: 54.32 ug/ml m

#3 Butyraldehyde

R.T.: 13.107 min
Delta R.T.: 0.010 min
Response: 2040851
Conc: 53.89 ug/ml m

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\070610\VU27925.D\dad1b.ch Vial: 3
 Acq On : 06-Jul-2010, 15:43:11 Operator: caobinz
 Sample : ic1253-20, form 20 Inst : G1315A
 Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27925.D\dad1a.ch Vial: 3
 Acq On : 06-Jul-2010, 15:43:11 Operator: sonal
 Sample : form 20 Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 7 9:23 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
 Title : LC8315FORM/032310/ic1209/op20876
 Last Update : Wed Jul 07 09:21:43 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.10	13.10	336985	604417	15.826m	15.950m
Spiked Amount	50.000	Range	20 - 115	Recovery	=	31.65% 31.90%
Target Compounds						
1) Formaldehyde	7.97	7.97	582867	1589578	18.083m	17.508m
2) Acetaldehyde	8.90	8.90	838277	1687066	15.475m	14.937m

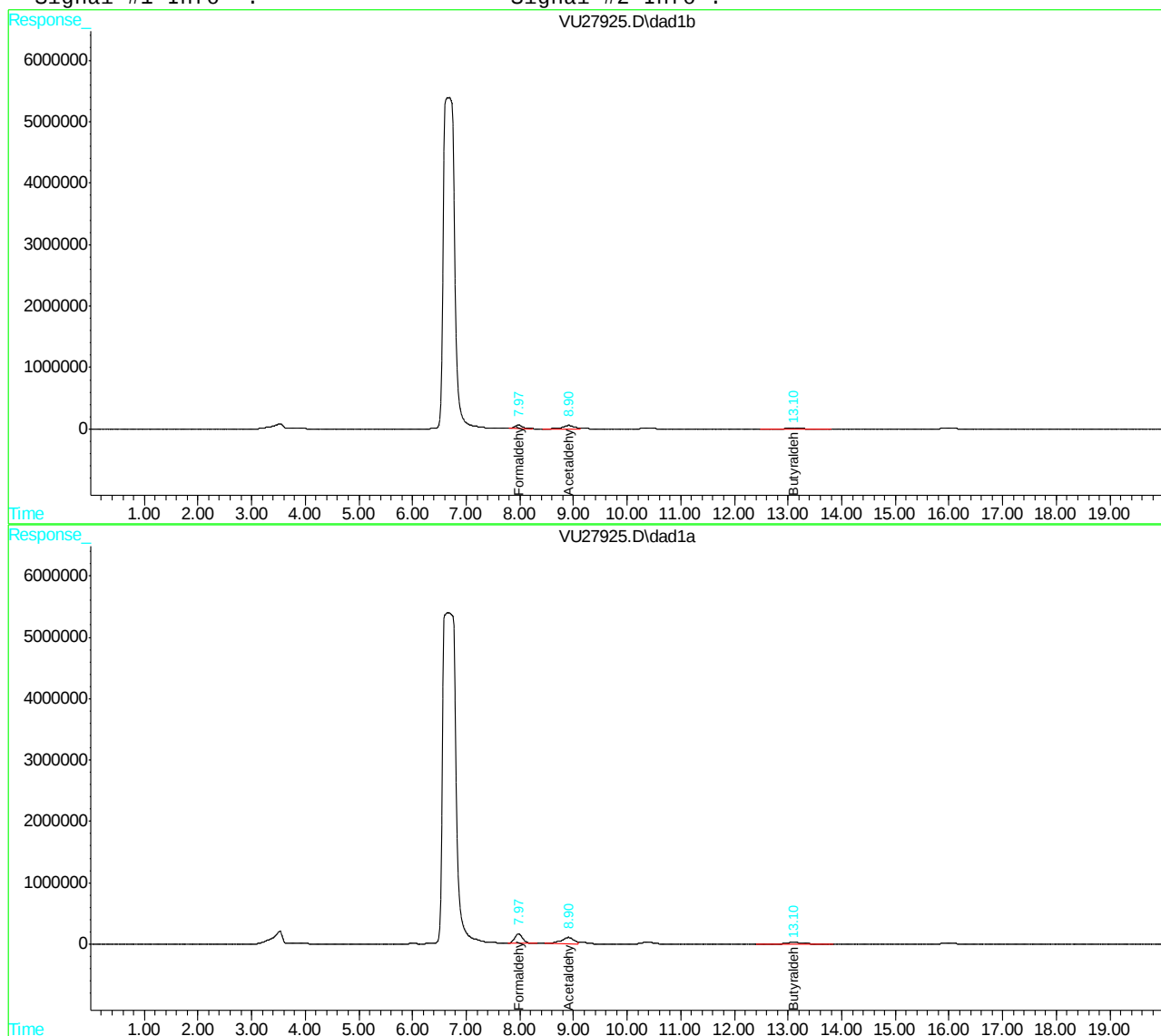
Quantitation Report

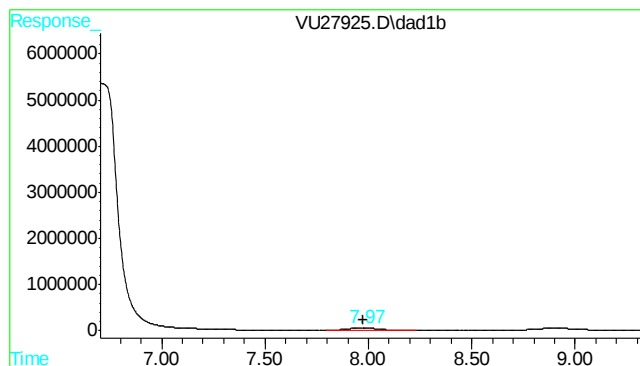
Data File : K:\HPLC2\DATA\070610\VU27925.D\dad1b.ch Vial: 3
Acq On : 06-Jul-2010, 15:43:11 Operator: caobinz
Sample : ic1253-20,form 20 Inst : G1315A
Misc : op21785,gvu1253,25,,1,,soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27925.D\dad1a.ch Vial: 3
Acq On : 06-Jul-2010, 15:43:11 Operator: sonal
Sample : form 20 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:23 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:21:43 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

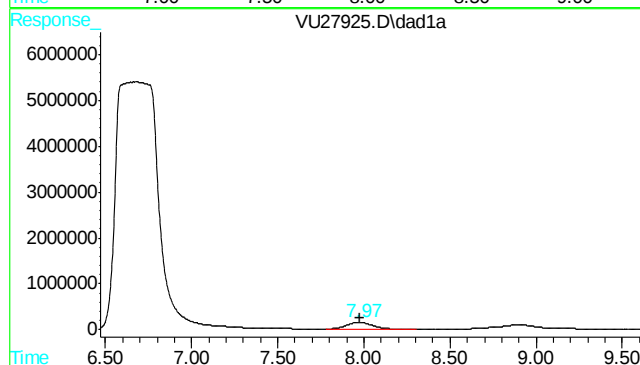
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





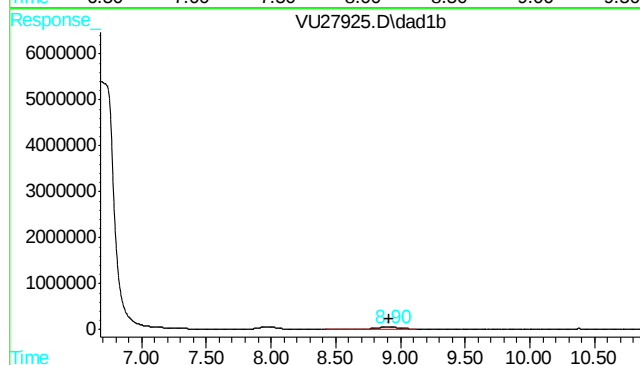
#1 Formaldehyde

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 582867
Conc: 18.08 ppm m



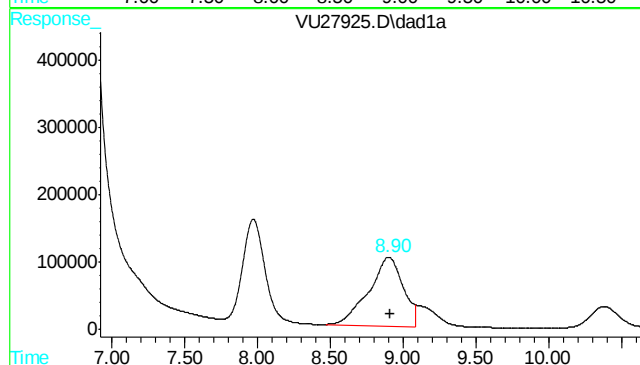
#1 Formaldehyde

R.T.: 7.970 min
Delta R.T.: -0.009 min
Response: 1589578
Conc: 17.51 ppm m



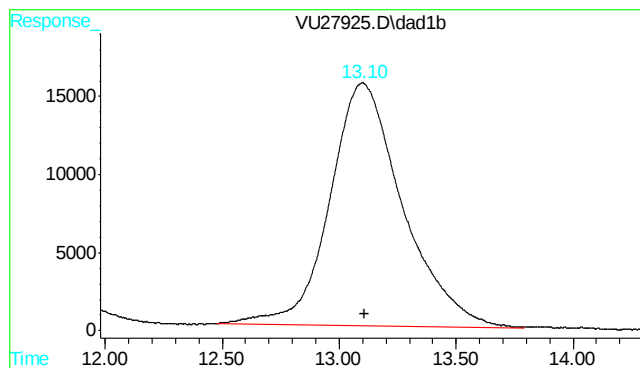
#2 Acetaldehyde

R.T.: 8.903 min
Delta R.T.: -0.012 min
Response: 838277
Conc: 15.47 ppm m



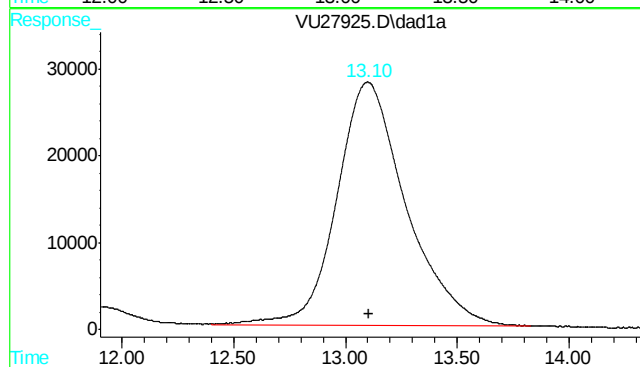
#2 Acetaldehyde

R.T.: 8.898 min
Delta R.T.: -0.016 min
Response: 1687066
Conc: 14.94 ppm m



#3 Butyraldehyde

R.T.: 13.096 min
Delta R.T.: -0.012 min
Response: 336985
Conc: 15.83 ug/ml m



#3 Butyraldehyde

R.T.: 13.096 min
Delta R.T.: -0.011 min
Response: 604417
Conc: 15.95 ug/ml m

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\070610\VU27926.D\dad1b.ch Vial: 4
 Acq On : 06-Jul-2010, 16:04:07 Operator: caobinz
 Sample : ic1253-10,form 10 Inst : G1315A
 Misc : op21785,gvu1253,25,,,1,,soil Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27926.D\dad1a.ch Vial: 4
 Acq On : 06-Jul-2010, 16:04:07 Operator: sonal
 Sample : form 10 Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 7 9:25 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
 Title : LC8315FORM/032310/ic1209/op20876
 Last Update : Wed Jul 07 09:23:52 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.11	13.11	186742	316014	9.498m	9.278m
Spiked Amount	50.000	Range	20 - 115	Recovery	=	19.00%# 18.56%#
Target Compounds						
1) Formaldehyde	7.98	7.98	352338	973839	9.825m	9.767m
2) Acetaldehyde	8.91	8.90	563038	1200404	10.236m	10.005m

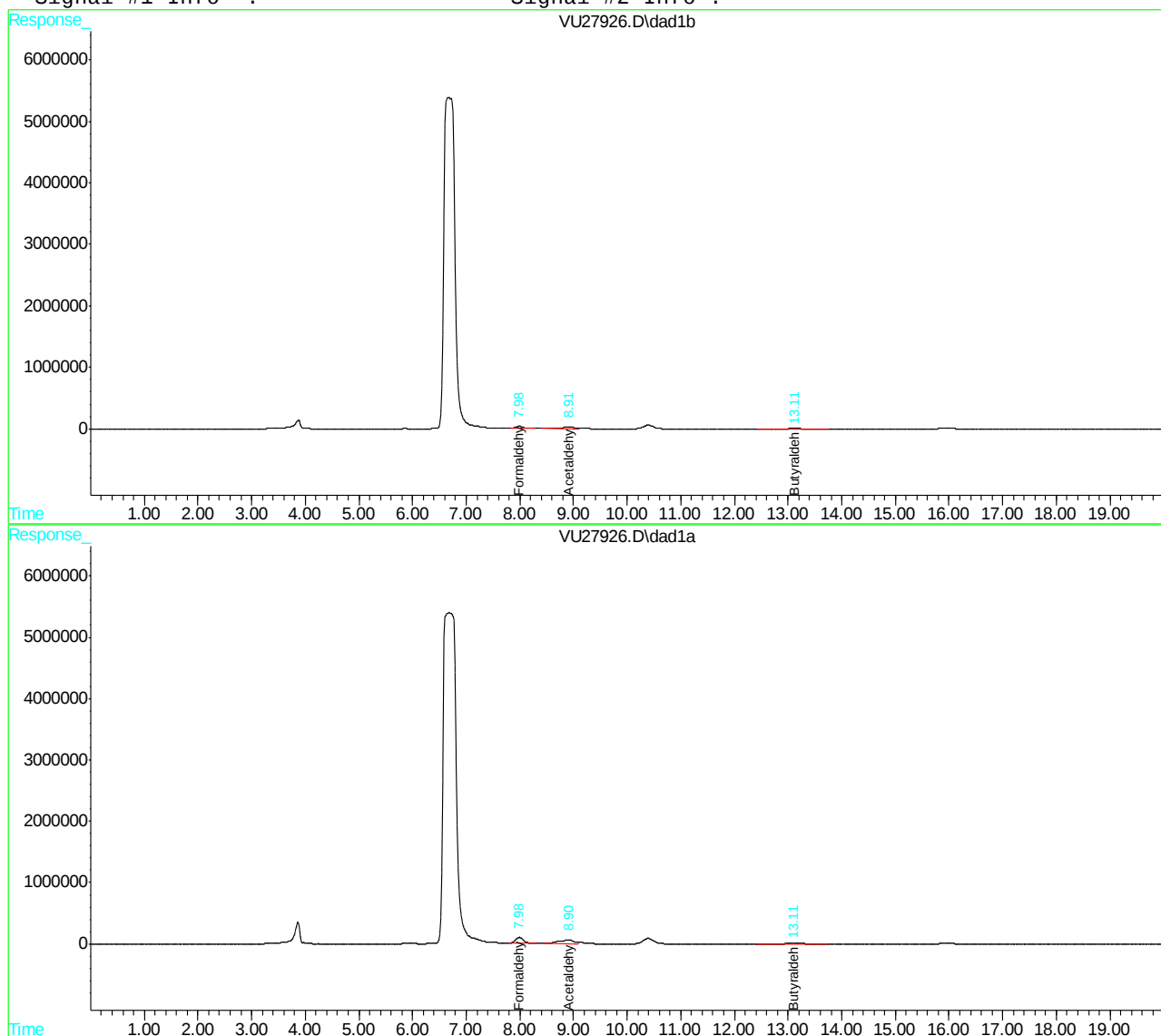
Quantitation Report

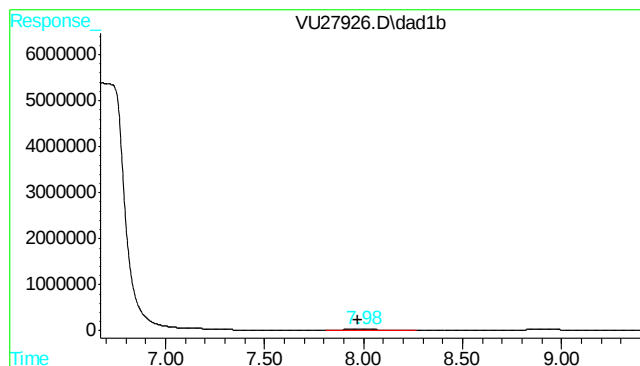
Data File : K:\HPLC2\DATA\070610\VU27926.D\dad1b.ch Vial: 4
Acq On : 06-Jul-2010, 16:04:07 Operator: caobinz
Sample : ic1253-10, form 10 Inst : G1315A
Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27926.D\dad1a.ch Vial: 4
Acq On : 06-Jul-2010, 16:04:07 Operator: sonal
Sample : form 10 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:25 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:23:52 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

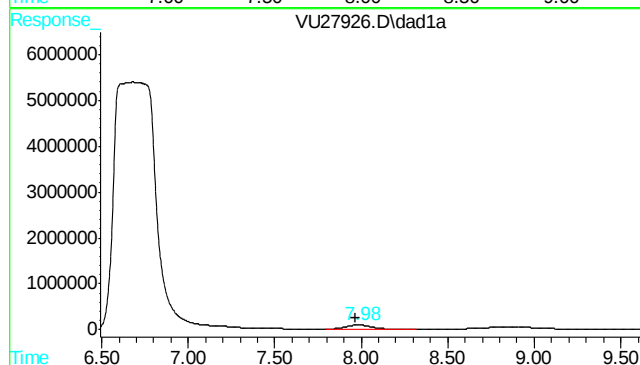
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





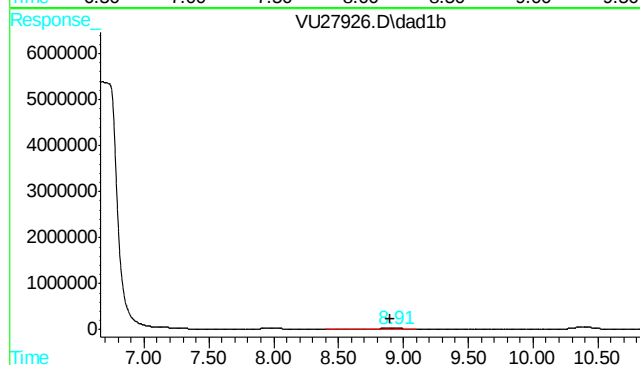
#1 Formaldehyde

R.T.: 7.979 min
Delta R.T.: 0.008 min
Response: 352338
Conc: 9.83 ppm m



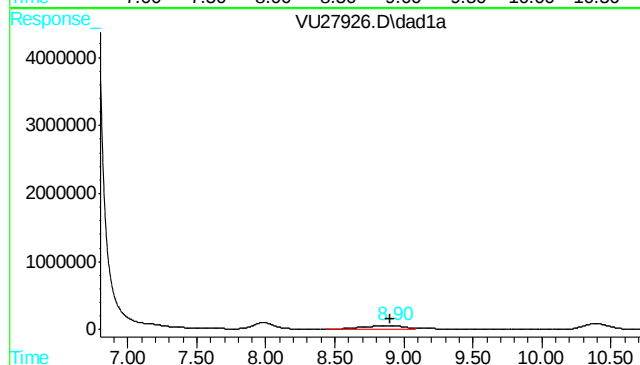
#1 Formaldehyde

R.T.: 7.979 min
Delta R.T.: 0.010 min
Response: 973839
Conc: 9.77 ppm m



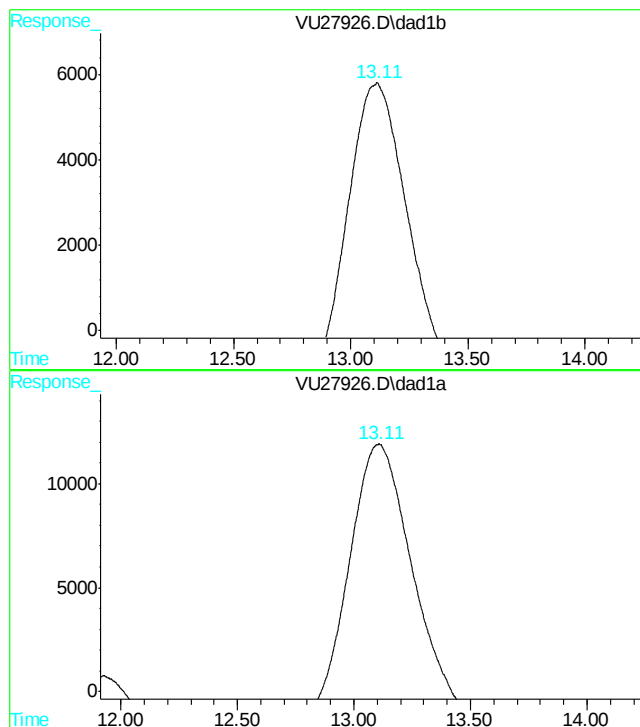
#2 Acetaldehyde

R.T.: 8.908 min
Delta R.T.: 0.005 min
Response: 563038
Conc: 10.24 ppm m



#2 Acetaldehyde

R.T.: 8.899 min
Delta R.T.: 0.002 min
Response: 1200404
Conc: 10.01 ppm m



#3 Butyraldehyde

R.T.: 13.111 min
Delta R.T.: 0.015 min
Response: 186742
Conc: 9.50 ug/ml m

#3 Butyraldehyde

R.T.: 13.108 min
Delta R.T.: 0.012 min
Response: 316014
Conc: 9.28 ug/ml m

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\070610\VU27927.D\dad1b.ch Vial: 5
 Acq On : 06-Jul-2010, 16:25:02 Operator: caobinz
 Sample : ic1253-5, form 5 Inst : G1315A
 Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27927.D\dad1a.ch Vial: 5
 Acq On : 06-Jul-2010, 16:25:02 Operator: sonal
 Sample : form 5 Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 7 9:26 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
 Title : LC8315FORM/032310/ic1209/op20876
 Last Update : Wed Jul 07 09:25:18 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.12	13.11	102234	171864	6.172m	6.080m
Spiked Amount	50.000	Range	20 - 115	Recovery	=	12.34%# 12.16%#
Target Compounds						
1) Formaldehyde	7.99	7.99	230974	640797	5.650m	5.701m
2) Acetaldehyde	8.91	8.76f	358110	856551	6.127m	6.342m

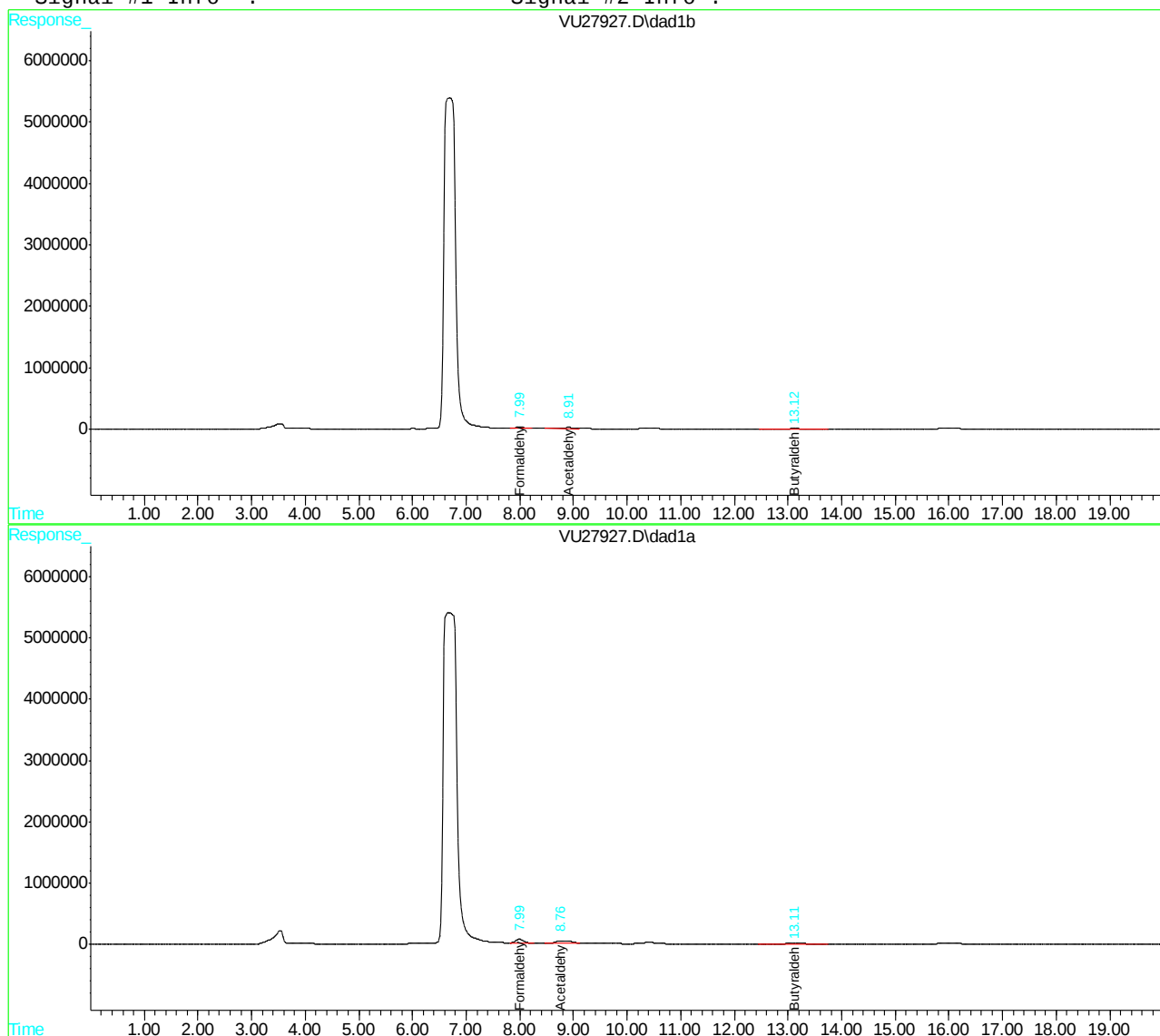
Quantitation Report

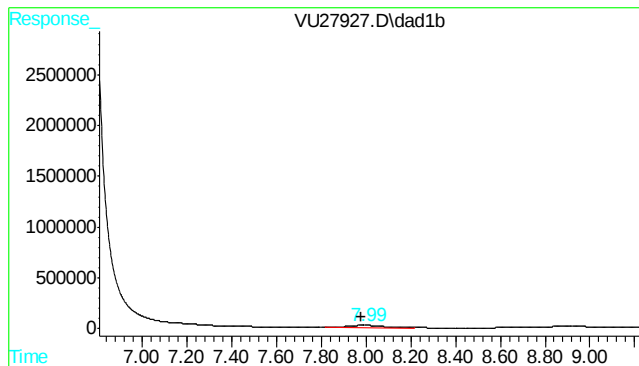
Data File : K:\HPLC2\DATA\070610\VU27927.D\dad1b.ch Vial: 5
Acq On : 06-Jul-2010, 16:25:02 Operator: caobinz
Sample : ic1253-5, form 5 Inst : G1315A
Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27927.D\dad1a.ch Vial: 5
Acq On : 06-Jul-2010, 16:25:02 Operator: sonal
Sample : form 5 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:26 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:25:18 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

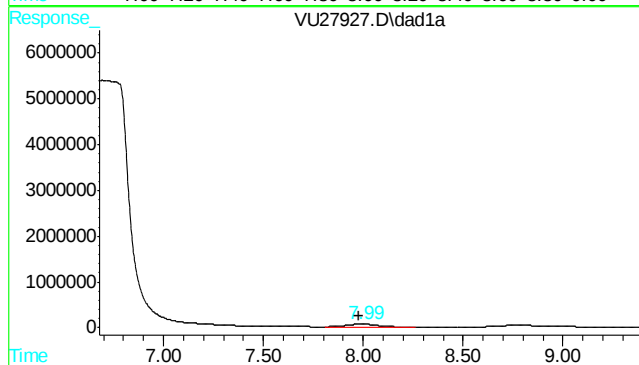
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





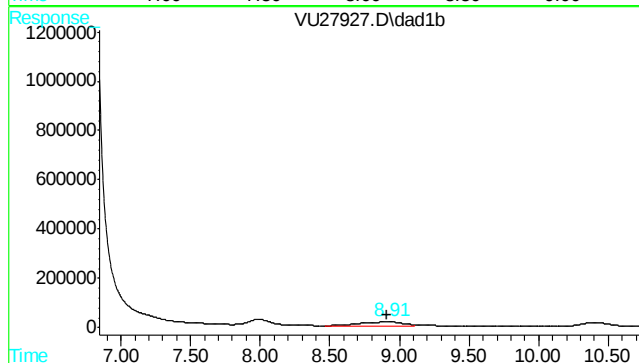
#1 Formaldehyde

R.T.: 7.988 min
Delta R.T.: 0.009 min
Response: 230974
Conc: 5.65 ppm m



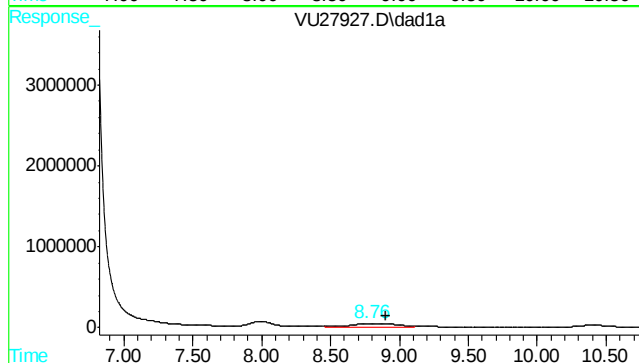
#1 Formaldehyde

R.T.: 7.990 min
Delta R.T.: 0.010 min
Response: 640797
Conc: 5.70 ppm m



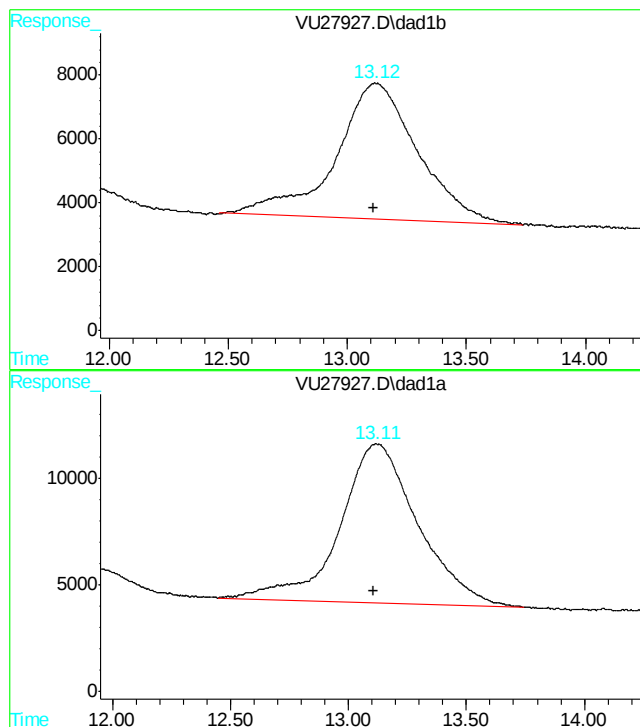
#2 Acetaldehyde

R.T.: 8.912 min
Delta R.T.: 0.004 min
Response: 358110
Conc: 6.13 ppm m



#2 Acetaldehyde

R.T.: 8.760 min
Delta R.T.: -0.140 min
Response: 856551
Conc: 6.34 ppm m



#3 Butyraldehyde

R.T.: 13.117 min
Delta R.T.: 0.005 min
Response: 102234
Conc: 6.17 ug/ml m

#3 Butyraldehyde

R.T.: 13.113 min
Delta R.T.: 0.005 min
Response: 171864
Conc: 6.08 ug/ml m

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\070610\VU27928.D\dad1b.ch Vial: 6
Acq On : 06-Jul-2010, 16:45:57 Operator: caobinz
Sample : ic1253-1, form 1 Inst : G1315A
Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27928.D\dad1a.ch Vial: 6
Acq On : 06-Jul-2010, 16:45:57 Operator: sonal
Sample : form 1 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:28 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:26:43 2010
Response via : Initial Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.14	13.15	39940	57771	3.475m	3.407m
Spiked Amount	50.000	Range	20 - 115	Recovery	=	6.95%#
Target Compounds						
1) Formaldehyde	7.98	7.98	103309	311461	1.484m	1.795m
2) Acetaldehyde	8.75f	8.74	150694	423204	2.111m	1.757m

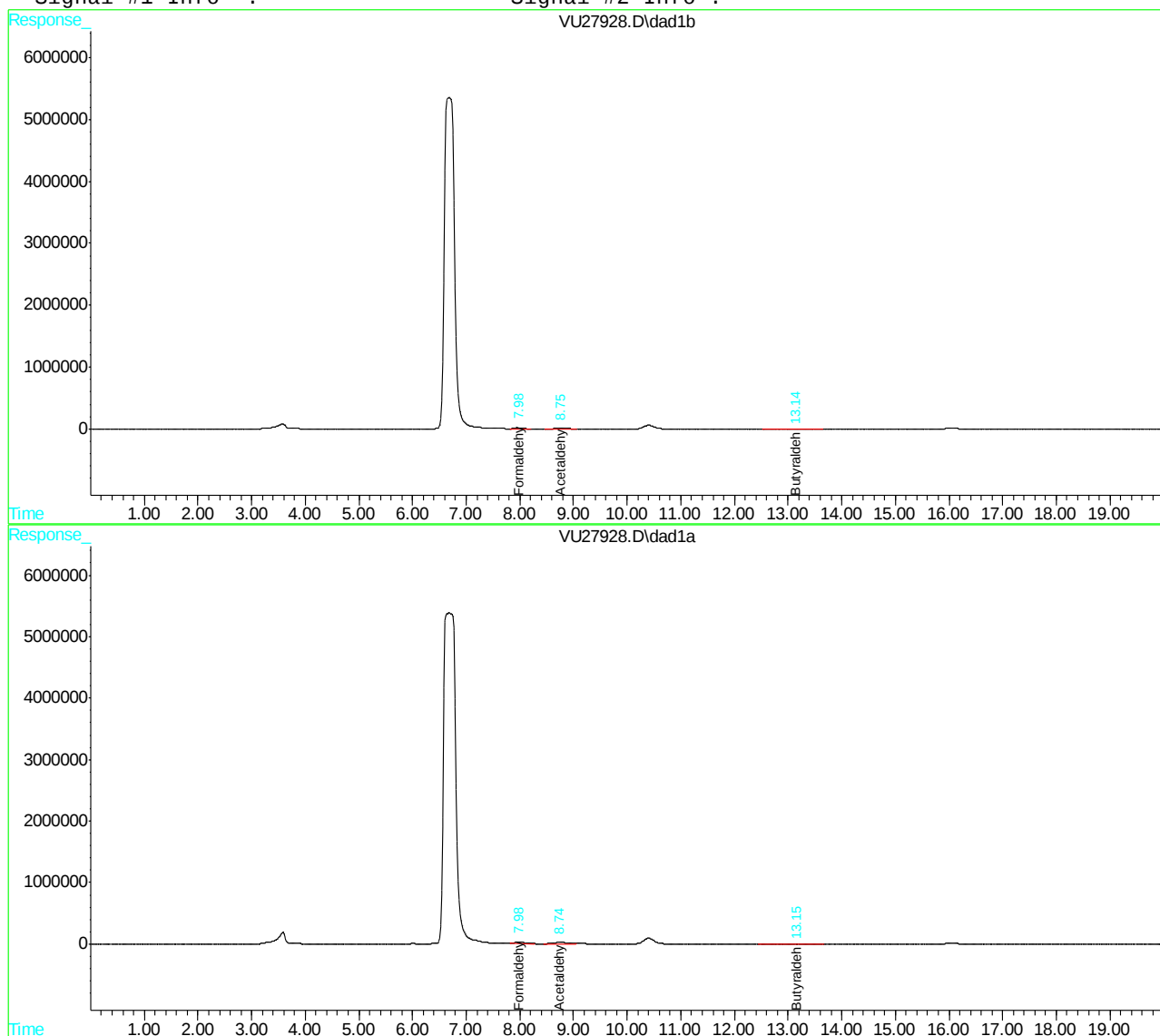
Quantitation Report

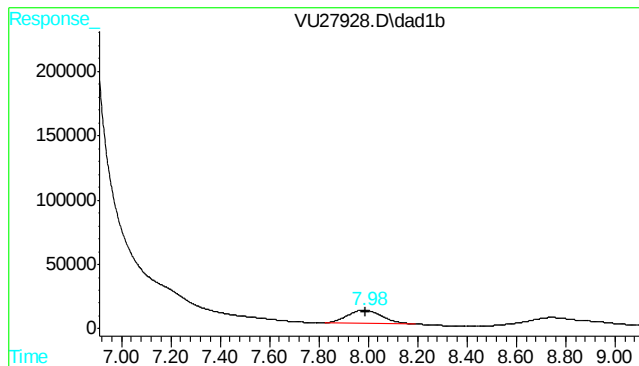
Data File : K:\HPLC2\DATA\070610\VU27928.D\dad1b.ch Vial: 6
Acq On : 06-Jul-2010, 16:45:57 Operator: caobinz
Sample : ic1253-1, form 1 Inst : G1315A
Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27928.D\dad1a.ch Vial: 6
Acq On : 06-Jul-2010, 16:45:57 Operator: sonal
Sample : form 1 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:28 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:26:43 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

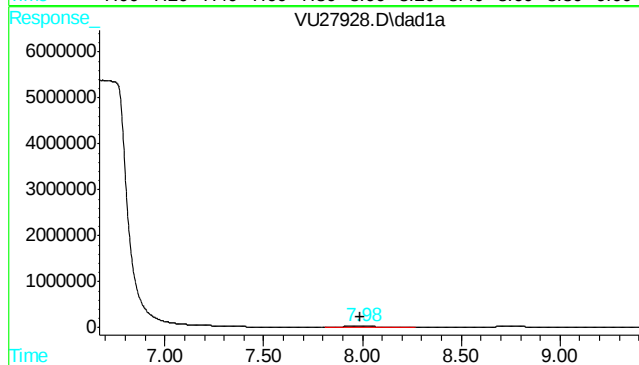
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





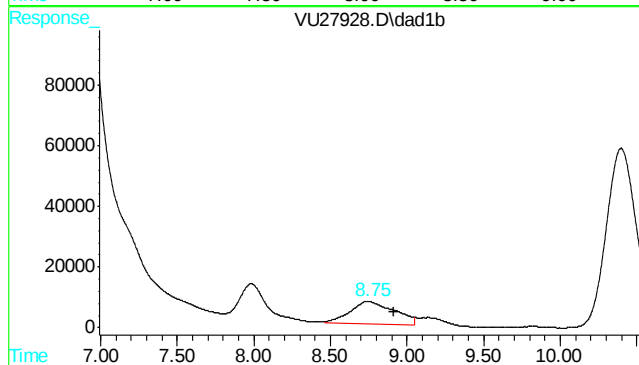
#1 Formaldehyde

R.T.: 7.984 min
Delta R.T.: -0.004 min
Response: 103309
Conc: 1.48 ppm m



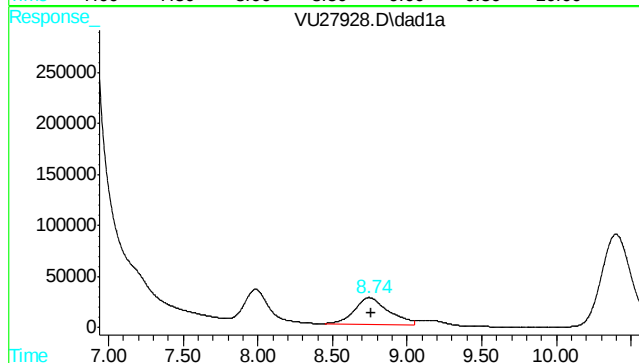
#1 Formaldehyde

R.T.: 7.983 min
Delta R.T.: -0.007 min
Response: 311461
Conc: 1.79 ppm m



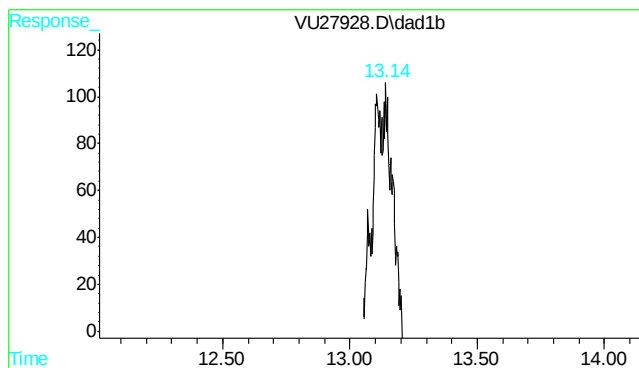
#2 Acetaldehyde

R.T.: 8.748 min
Delta R.T.: -0.164 min
Response: 150694
Conc: 2.11 ppm m



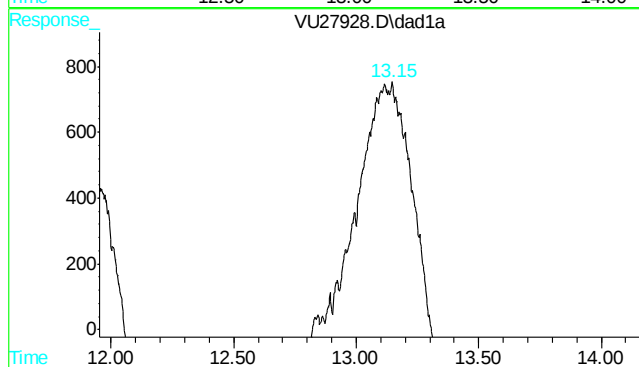
#2 Acetaldehyde

R.T.: 8.744 min
Delta R.T.: -0.015 min
Response: 423204
Conc: 1.76 ppm m



#3 Butyraldehyde

R.T.: 13.139 min
Delta R.T.: 0.023 min
Response: 39940
Conc: 3.47 ug/ml m



#3 Butyraldehyde

R.T.: 13.146 min
Delta R.T.: 0.033 min
Response: 57771
Conc: 3.41 ug/ml m

John Hamilton
07/08/10 11:09

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1b.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: caobinz
Sample : icv1253-50,form 50,icv Inst : G1315A
Misc : op21785,gvu1253,25,,1,,soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1a.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: sonal
Sample : form 50,icv Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:36 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:33:41 2010
Response via : Initial Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.12	13.12	1104909	2017294	52.066m	52.707m
Spiked Amount	50.000	Range	20 - 115	Recovery	= 104.13%	105.41%
Target Compounds						
1) Formaldehyde	7.98	7.98	1440018	3902601	50.689m	50.156m
2) Acetaldehyde	8.92	8.92	2017954	3734977	42.811m	41.120m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
VU27929.D FM070610.M Wed Jul 07 09:43:06 2010 RPT1

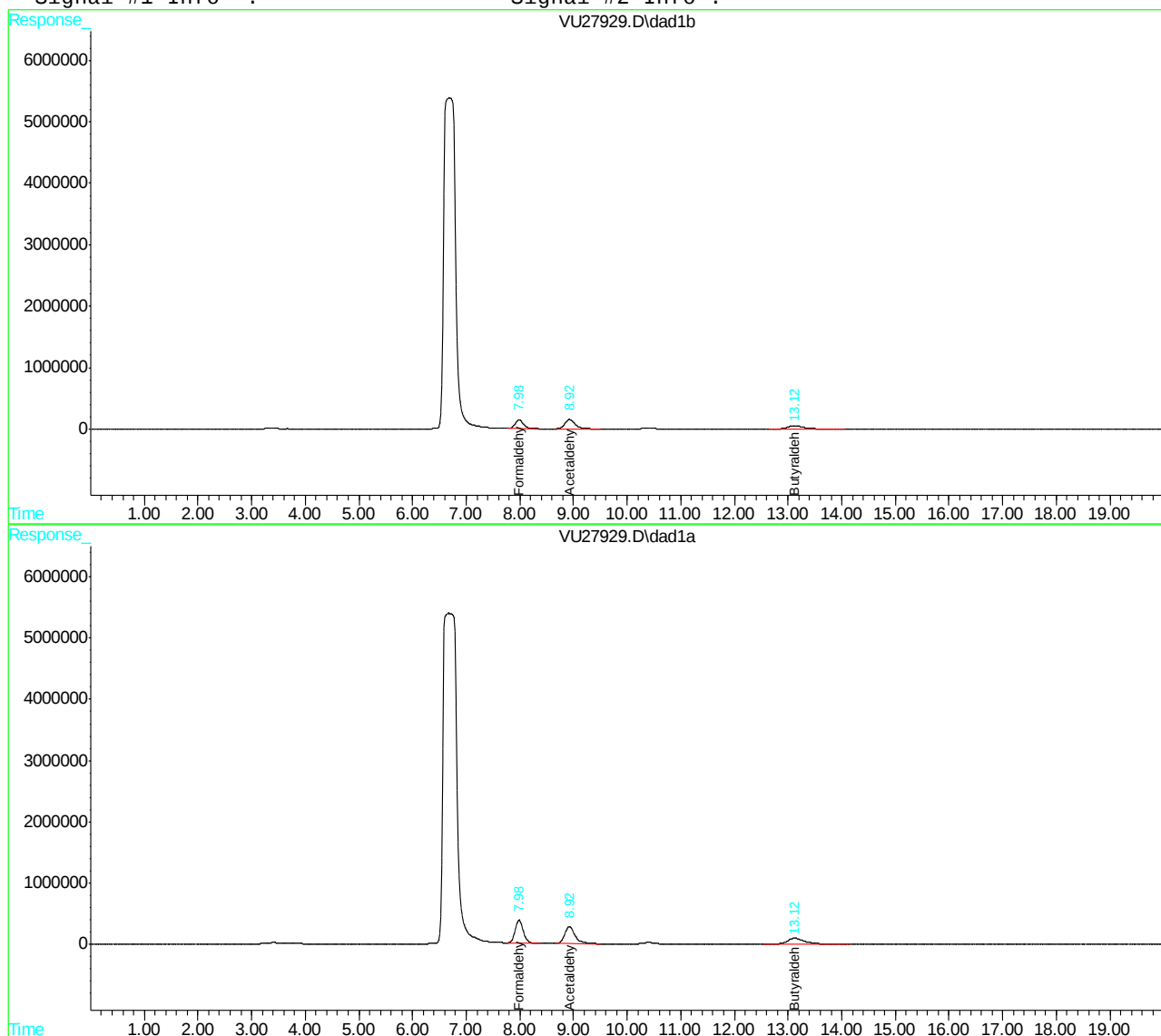
Quantitation Report

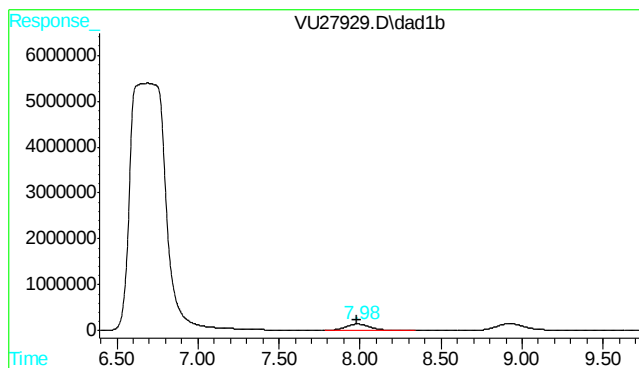
Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1b.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: caobinz
Sample : icv1253-50, form 50, icv Inst : G1315A
Misc : op21785, gvu1253, 25, , , 1, , soil Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\070610\VU27929.D\dad1a.ch Vial: 7
Acq On : 06-Jul-2010, 17:06:55 Operator: sonal
Sample : form 50, icv Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 7 9:36 2010 Quant Results File: FM070610.RES

Quant Method : K:\HPLC2\METHODS\FM070610.M (RTE Integrator)
Title : LC8315FORM/032310/ic1209/op20876
Last Update : Wed Jul 07 09:33:41 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

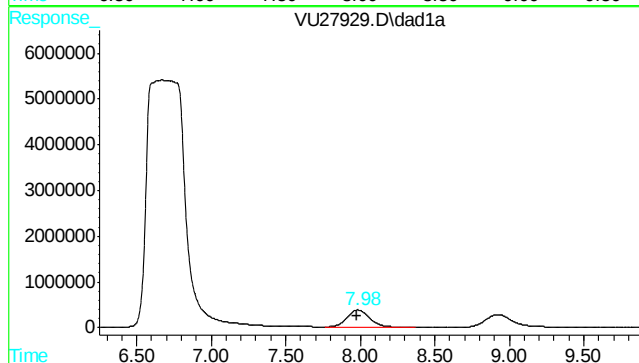
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





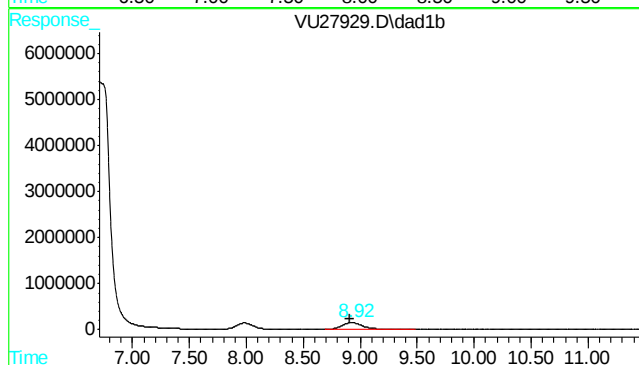
#1 Formaldehyde

R.T.: 7.983 min
Delta R.T.: 0.005 min
Response: 1440018
Conc: 50.69 ppm m



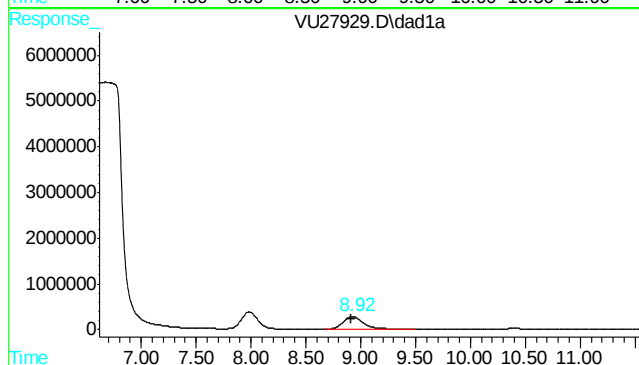
#1 Formaldehyde

R.T.: 7.983 min
Delta R.T.: 0.005 min
Response: 3902601
Conc: 50.16 ppm m



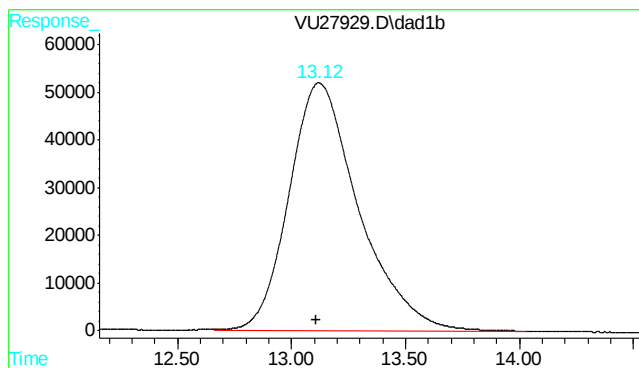
#2 Acetaldehyde

R.T.: 8.921 min
Delta R.T.: 0.006 min
Response: 2017954
Conc: 42.81 ppm m



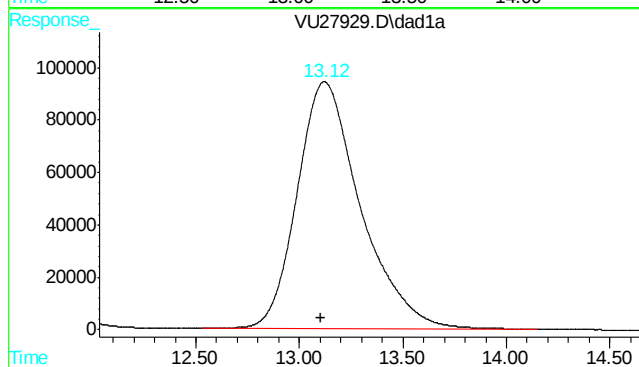
#2 Acetaldehyde

R.T.: 8.921 min
Delta R.T.: 0.008 min
Response: 3734977
Conc: 41.12 ppm m



#3 Butyraldehyde

R.T.: 13.116 min
Delta R.T.: 0.008 min
Response: 1104909
Conc: 52.07 ug/ml m



#3 Butyraldehyde

R.T.: 13.118 min
Delta R.T.: 0.012 min
Response: 2017294
Conc: 52.71 ug/ml m

6.5.7

6

John Hamilton
07/27/10 17:37

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1b.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : cc1253-50,form 50 Inst : G1315A
Misc : op22090,gvu1262,500,,,1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1a.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 10:41 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 08:28:00 2010
Response via : Initial Calibration
DataAcq Meth : F6040D.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.33	13.33	1126997	2066584	53.229	54.133
Spiked Amount	50.000	Range	10 - 115	Recovery	= 106.46%	108.27%
Target Compounds						
1) Formaldehyde	8.04	8.04	1494689	4086411	53.084m	53.129m
2) Acetaldehyde	9.00	9.00	2378765	4644316	52.356	53.828

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
VU28077.D FM072710.M Tue Jul 27 14:01:50 2010 RPT1

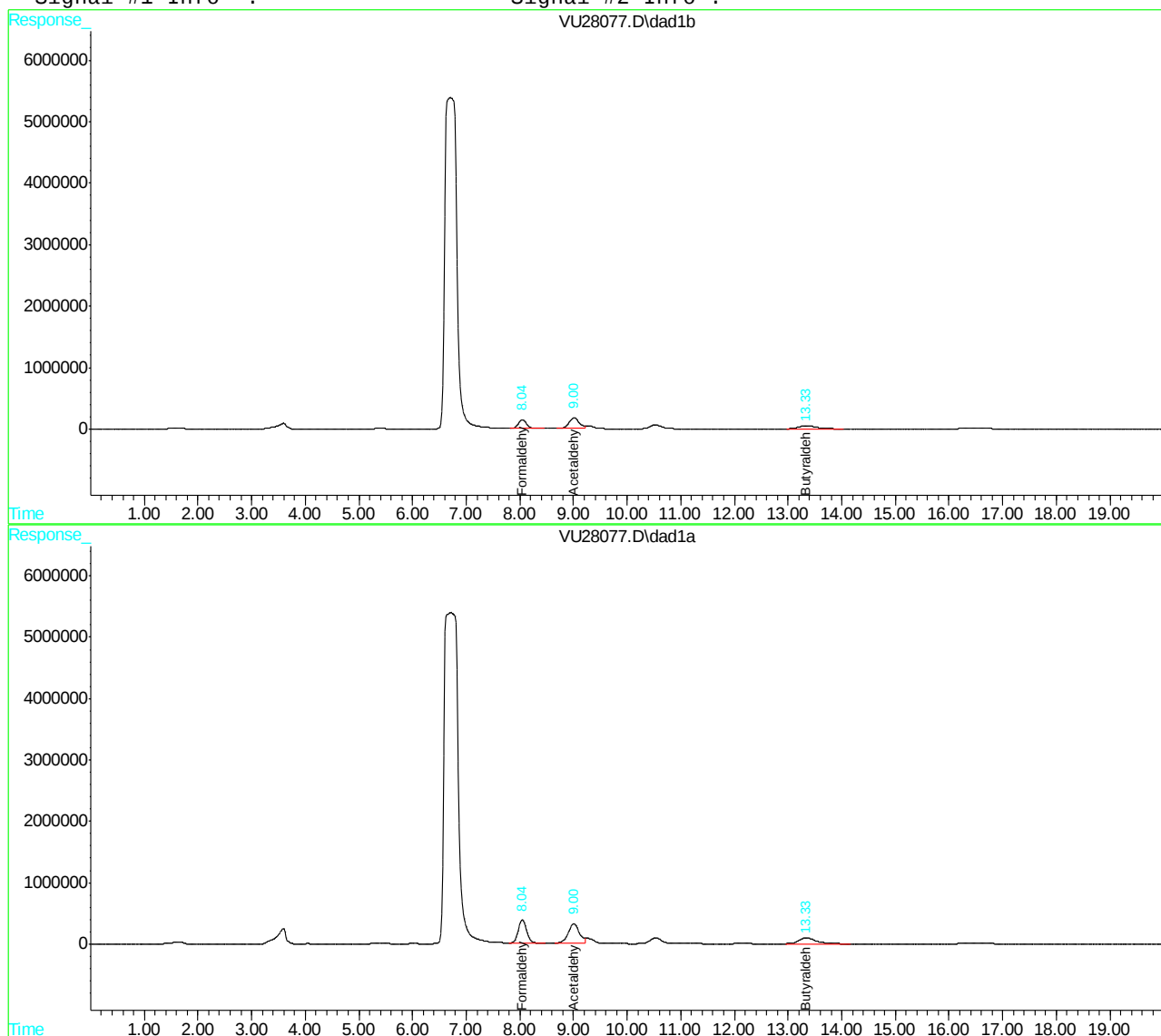
Quantitation Report

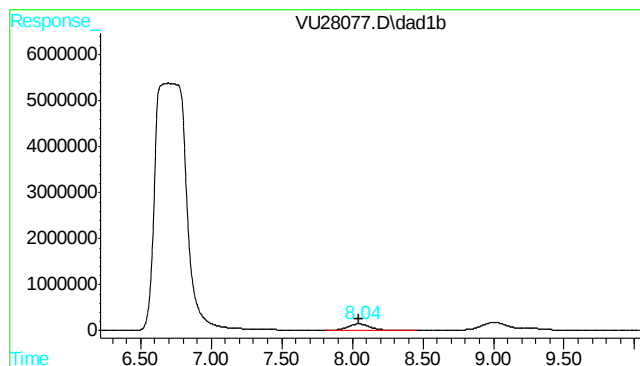
Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1b.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : cc1253-50, form 50 Inst : G1315A
Misc : op22090, gvu1262, 500, , , 1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28077.D\dad1a.ch Vial: 51
Acq On : 27-Jul-2010, 09:56:55 Operator: caobinz
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 10:41 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 08:28:00 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

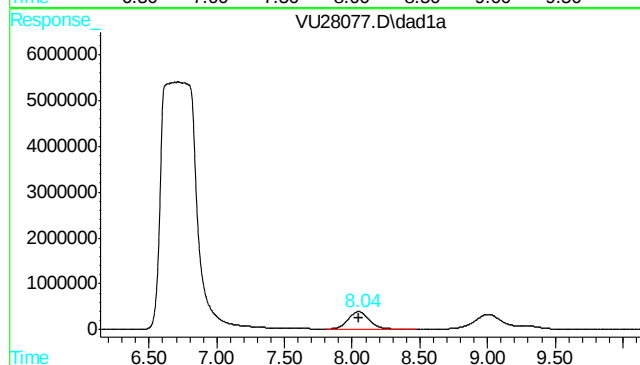
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





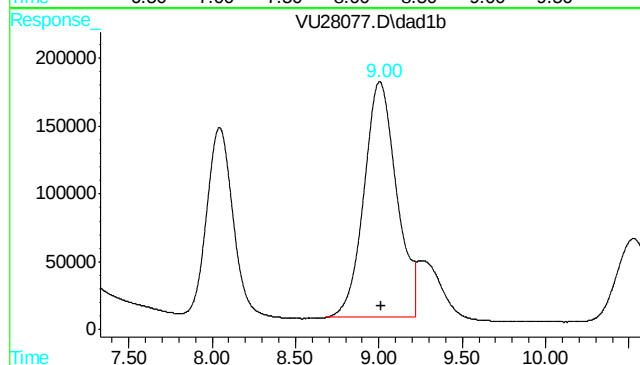
#1 Formaldehyde

R.T.: 8.043 min
Delta R.T.: -0.004 min
Response: 1494689
Conc: 53.08 ppm m



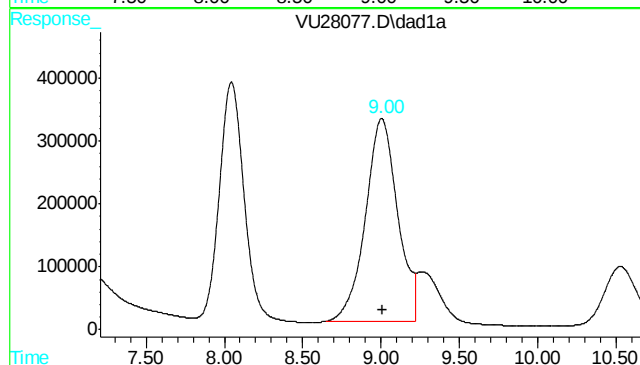
#1 Formaldehyde

R.T.: 8.043 min
Delta R.T.: -0.004 min
Response: 4086411
Conc: 53.13 ppm m



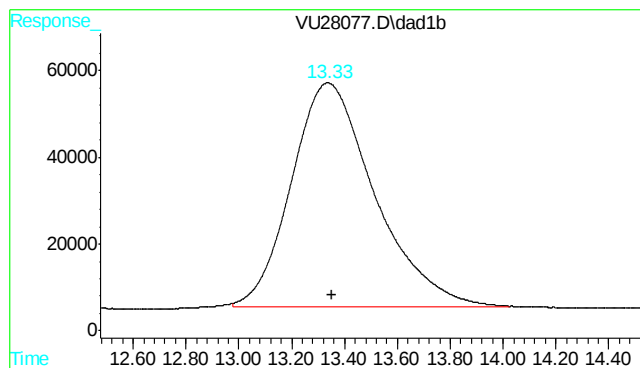
#2 Acetaldehyde

R.T.: 9.003 min
Delta R.T.: -0.009 min
Response: 2378765
Conc: 52.36 ppm



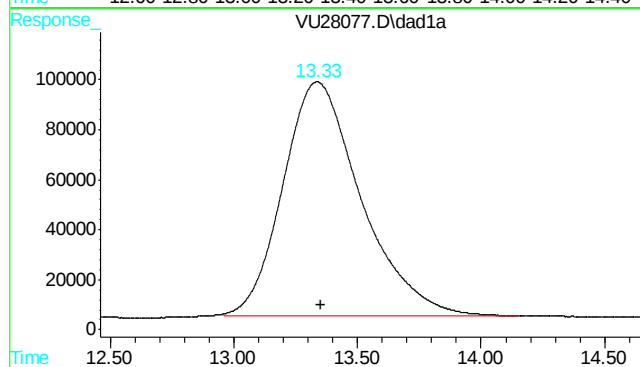
#2 Acetaldehyde

R.T.: 9.001 min
Delta R.T.: -0.009 min
Response: 4644316
Conc: 53.83 ppm



#3 Butyraldehyde

R.T.: 13.335 min
Delta R.T.: -0.016 min
Response: 1126997
Conc: 53.23 ug/ml



#3 Butyraldehyde

R.T.: 13.335 min
Delta R.T.: -0.018 min
Response: 2066584
Conc: 54.13 ug/ml

6.5.8

6

John Hamilton
07/27/10 17:37

Quantitation Report (QT Reviewed)

Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1b.ch Vial: 51
 Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
 Sample : ecc1253-50,form 50 Inst : G1315A
 Misc : op22065,gvu1262,500,,,1 Multiplr: 1.00
 IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1a.ch Vial: 51
 Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
 Sample : form 50 Inst : G1315A
 Misc : Multiplr: 1.00
 IntFile : rteint2.p
 Quant Time: Jul 27 14:46 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
 Title : LC8315FORM/070610/ic1253/op21796
 Last Update : Tue Jul 27 13:42:32 2010
 Response via : Initial Calibration
 DataAcq Meth : F6040D.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ppm	ppm

System Monitoring Compounds						
3) s Butyraldehyde	13.29	13.29	1173052	2126366	55.681	55.878m
Spiked Amount	50.000	Range	10 - 115	Recovery	= 111.36%	111.76%
Target Compounds						
1) Formaldehyde	8.02	8.02	1494716	4078168	53.085m	52.994m
2) Acetaldehyde	8.97	8.97	2382760	4634457	52.466	53.684

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 VU28088.D FM072710.M Tue Jul 27 14:47:02 2010 RPT1

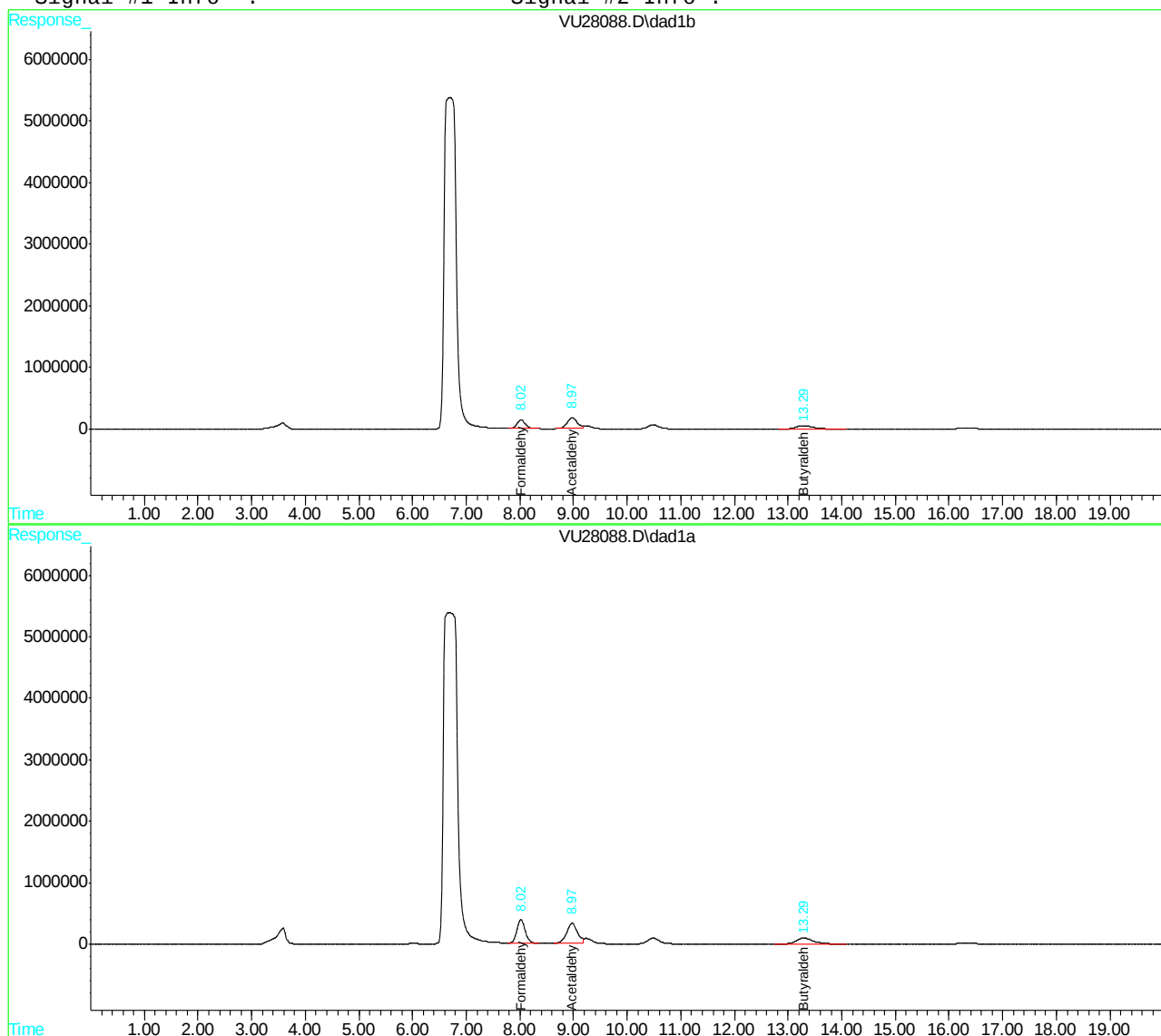
Quantitation Report

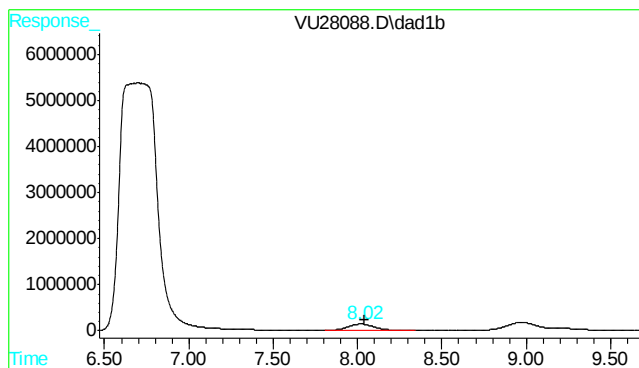
Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1b.ch Vial: 51
Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
Sample : ecc1253-50, form 50 Inst : G1315A
Misc : op22065, gvu1262, 500, , , 1 Multiplr: 1.00
IntFile : rteint.p

Data File : K:\HPLC2\DATA\072710\VU28088.D\dad1a.ch Vial: 51
Acq On : 27-Jul-2010, 14:17:28 Operator: caobinz
Sample : form 50 Inst : G1315A
Misc : Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jul 27 14:46 2010 Quant Results File: FM072710.RES

Quant Method : K:\HPLC2\METHODS\FM072710.M (RTE Integrator)
Title : LC8315FORM/070610/ic1253/op21796
Last Update : Tue Jul 27 13:42:32 2010
Response via : Multiple Level Calibration
DataAcq Meth : F6040D.M

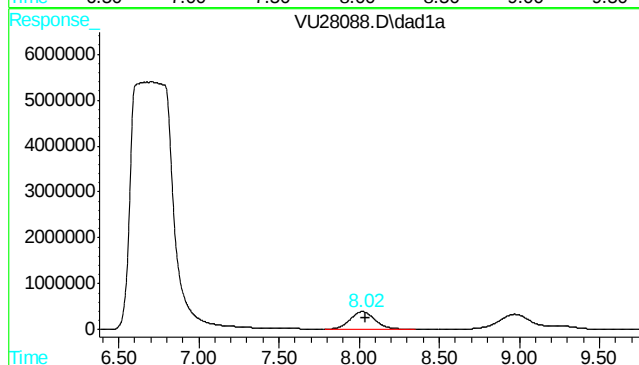
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





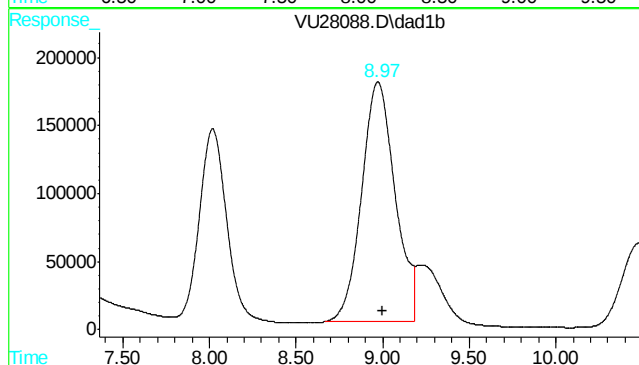
#1 Formaldehyde

R.T.: 8.017 min
Delta R.T.: -0.026 min
Response: 1494716
Conc: 53.09 ppm m



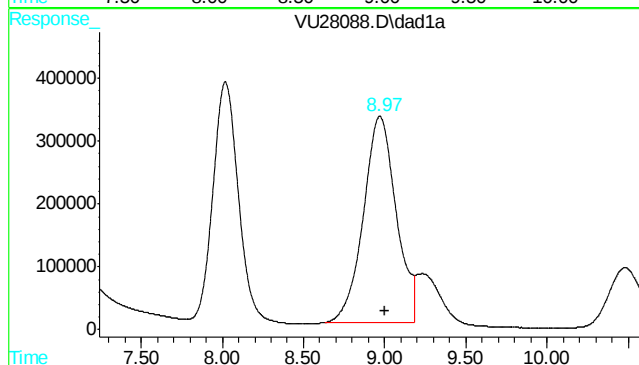
#1 Formaldehyde

R.T.: 8.017 min
Delta R.T.: -0.026 min
Response: 4078168
Conc: 52.99 ppm m



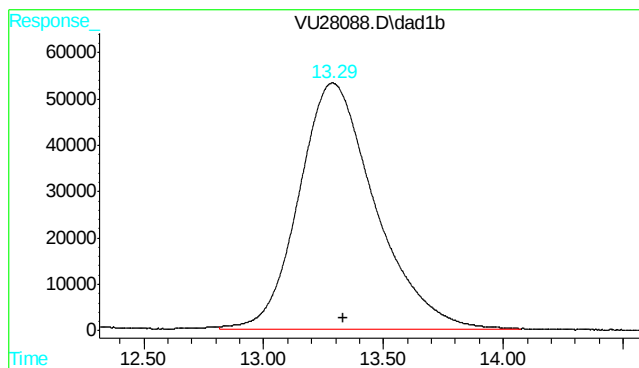
#2 Acetaldehyde

R.T.: 8.970 min
Delta R.T.: -0.033 min
Response: 2382760
Conc: 52.47 ppm



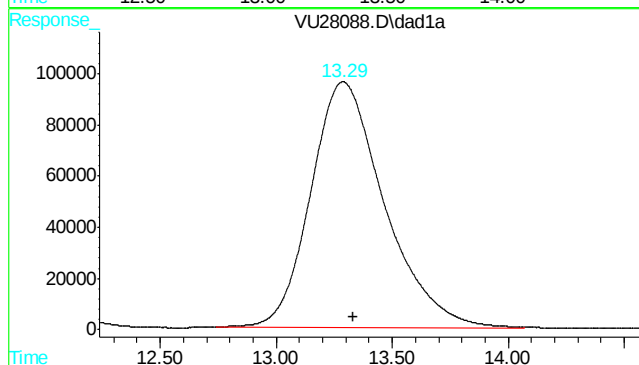
#2 Acetaldehyde

R.T.: 8.969 min
Delta R.T.: -0.032 min
Response: 4634457
Conc: 53.68 ppm



#3 Butyraldehyde

R.T.: 13.285 min
Delta R.T.: -0.049 min
Response: 1173052
Conc: 55.68 ug/ml



#3 Butyraldehyde

R.T.: 13.285 min
Delta R.T.: -0.049 min
Response: 2126366
Conc: 55.88 ug/ml m

6.59

6

Run Date: 7/6/10

Analyst Signature: C2h

sydex @ 12/1/2009 #182

218TP54

Column Information: 218TP54

Data Directory: 070610

Sequence File: 070610

Quantitation Methods: FM 070610

Instrument Run Batches: GVV-1253 (ic)

Data Acquisition Methods: FL640D Inj. Vol: 5 μ l

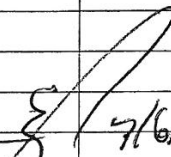
Inj. Vol: 5 ml

Standard Data		
Lot #	Description	Conc

See extra trial
21796

Date of ICAL: 7/6/10 ICAL Verified: Sample positions verified against sequence: ☒

Vial #	Data File ID	Sample ID	Ext. Batch	Analysis	Matrix	Dilution	Comments
1	19-27922	farm 100	9921786	28315FM	S	MA	Eg studs.
1	23	100					
2	24	50					
3	25	20					
4	26	10					
5	27	5					
6	28	1					
7	29	50					
11	30	dp 21785-m6	9921785				icw; OK.
2	27931	farm 50					Not needed.
							OK.

 7/6/10

MTX = Matrix: Designate **W** for water, **S** for soil, **O** for oil. Dilution Solvent: _____ Lot: _____

Mobile Phase Solvent: Acetonitrile Lot: 904235 Solvent/DI Ratio (v:v): 60/40

Prep Date: 7/6/10 Exp. Date: 7/6/11

Review: _____

GC00308 (9/01/06)

50

Run Date: 7/27/2010Analyst Signature: [Signature]

Standard Data

Lot #	Description	Conc

Column Information: 218 TP 54
 Data Directory: 072710
 Sequence File: 072710
 Quantitation Methods: Em 072710

Instrument Run Batches: GVU-1262 (IC1253)Data Acquisition Methods: F6040D Inj. Vol: 5 µlDate of ICAL: 7/6/10 ICAL Verified: ☒ Sample positions verified against sequence: ☒

Vial #	Data File ID	Sample ID	Ext. Batch	Analysis	Matrix	Dilution	Comments
51	VU-28077	Form 50	9022090	08315µl	W	NA	OK
6	78	m93069-1	↓	↓	↓	↓	RR; 55% Low confd. To redo
7	78	↓ -2	↓	↓	↓	↓	RR; ↓ To redo
21	80	9022065-mb	9022065	↓	W	↓	↓
22	81	↓ -b5	↓	↓	↓	↓	↓
23	82	↓ -m5	↓	↓	↓	↓	↓
24	83	↓ -msd	↓	↓	↓	↓	↓
25	84	m93047-9	↓	↓	↓	↓	↓
26	85	m93043-1	↓	↓	↓	↓	↓
27	86	m93042-1	↓	↓	↓	↓	↓
28	87	↓ -2	↓	↓	↓	↓	↓
51	28088	Form 50	↓	↓	↓	↓	OK

MTX = Matrix: Designate W for water, S for soil, O for oil.

Dilution Solvent: Lot: Mobile Phase Solvent: Acetonitrile Lot: 904235 Solvent/DI Ratio (v:v): 60/40Prep Date: 7/26/10 Exp. Date: 7/26/11Review: [Signature]

GC00308 (9/01/06)

10

Extracted by: AJIBJIAF
 Spike Witness: _____
 Concentrated by: AJ
 Fractionated by: _____
 Extraction Method: SW 846 8315

Date/Time: 07/21/10
 Date/Time: _____
 Batch: OP 22065
 Matrix: Aqueous
 Analysis Method: LC 8315 FORM

Sample	Bottle No.	Initial Volume (ml)	Final Volume (ml)	p H	*Cleanup/Comments (3660B, 3630, 3665, other)	Received by: Date:
1 OP 22065	H1A	500	1.0	3	N/A	
2 ↓ -bs	↓	↓	↓	↓	↓	
3 AJ -bed						
4 M93047-9 -ms	H1A	500	1.0	3	N/A	
5 ↓ -msd	↓	↓	↓	↓	↓	
6						
7 M93043-1	↓	↓	↓	↓	↓	
8 M93042-1	↓	↓	↓	↓	↓	
9 ↓ -2	↓	↓	↓	↓	↓	
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Fraction	Lot #	Conc.	Vol. (ml)	H2SO4 Lot #
Surrogate: Form	1st 2 P05705	100 µg/L	0.5	MeCl2: DB 863
Surrogate: _____				Hexane: _____
Surrogate: _____				Acetone: _____
Surrogate: _____				Acetonitrile: BDH 904235
Spike: Form	H1A P05733	1.0 µg/L	40 µL	Na Sulfate Lot #: B406
Spike: _____				Silica Lot #: _____
Spike: _____				SPE MFG/Lot #: _____
Spike: _____				Copper: _____
Filter Paper Lot #				Hydromatrix: _____
Form. Deriv. Oven in time:		Out time:		Florisil: _____

Water Bath Temp: 40°C

Reviewed by: [Signature]

Tray #: GC-8

OP002-07 (2/18/10)

*Circle as applicable: 3660B = Cu cleanup; 3630 = Silica gel cleanup; 3665 = Acid cleanup

8



08/10/10

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08 Parcel A

Accutest Job Number: JA52204

Sampling Dates: 07/21/10 - 07/22/10

Report to:

Kleinfelder

jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: 55



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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

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

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Test results relate only to samples analyzed.

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Sample Summary

Kleinfelder

Job No: JA52204

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA52204-1	07/21/10	09:45 SES	07/23/10	AQ	Ground Water	MW01(6-18)
JA52204-2	07/22/10	09:00 SES	07/23/10	AQ	Ground Water	MW03(3-18)
JA52204-3	07/21/10	11:45 SES	07/23/10	AQ	Ground Water	MW04D(13-18)
JA52204-4	07/21/10	13:00 SES	07/23/10	AQ	Ground Water	MW08(1-13)
JA52204-5	07/22/10	11:50 SES	07/23/10	AQ	Ground Water	MW15(5.5-20.5)
JA52204-6	07/21/10	00:00 SES	07/23/10	AQ	Ground Water	DUP-1

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder**Job No** JA52204**Site:** Former Pratt Oil Works, Long Island City, NY**Report Date** 8/10/2010 4:27:47 PM

On 07/23/2010, 6 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.6 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA52204 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ**Batch ID:** V3B2823

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA52085-2MS, JA52085-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Ethylbenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- Matrix Spike Duplicate Recovery(s) for Ethylbenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JA52204-2: Dilution required due to sample foaming and sample matrix.

Matrix: AQ**Batch ID:** V3B2825

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA52204-3MS, JA52204-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ**Batch ID:** OP44800

- All samples were extracted within the recommended method holding time.
- Sample(s) JA52138-1MS, JA52138-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP53935

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52396-1MS, JA52396-1MSD, JA52396-1SDL were used as the QC samples for metals.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Sodium, Calcium, Magnesium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Potassium are outside control limits. Spike recovery indicates possible matrix interference.
- RPD(s) for Serial Dilution for Aluminum, Antimony, Arsenic, Beryllium, Chromium, Copper, Selenium, Silver are outside control limits for sample MP53935-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Sodium, Vanadium are outside control limits for sample MP53935-SD1. Serial dilution indicates possible matrix interference.
- JA52204-4 for Nickel: Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).
- JA52204-4 for Thallium: Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).
- JA52204-4 for Lead: Elevated detection limit due to dilution required for matrix interference (indicated by failing internal standard on original analysis).
- JA52204-2 for Vanadium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Selenium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Iron: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Nickel: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Thallium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Potassium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Silver: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Sodium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Zinc: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Arsenic: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Copper: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Cobalt: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Chromium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Cadmium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Beryllium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Barium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Manganese: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Antimony: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Magnesium: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Lead: Elevated detection limit due to dilution required for matrix interference.
- JA52204-2 for Aluminum: Elevated detection limit due to dilution required for matrix interference.

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP54076

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52204-1MS, JA52204-1MSD were used as the QC samples for metals.
- JA52204-2 for Mercury: Elevated sample detection limit due to difficult sample matrix.

Wet Chemistry By Method EPA 300/SW846 9056

Matrix: AQ

Batch ID: GP54747

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52204-2DUP, JA52204-2MS, JA52204-2DUP were used as the QC samples for Bromide, Fluoride, Bromide, Chloride, Sulfate.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP54763

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52204-1DUP, JA52204-1MS were used as the QC samples for Cyanide.

Matrix: AQ

Batch ID: GP54813

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52204-2DUP, JA52204-2MS were used as the QC samples for Cyanide.
- Matrix Spike Recovery(s) for Cyanide are outside control limits. Spike recovery indicates possible matrix interference.

Wet Chemistry By Method EPA 353.2/LACHAT

Matrix: AQ

Batch ID: GP54899

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52204-2DUP, JA52204-2MS were used as the QC samples for Nitrogen, Nitrate + Nitrite.
- JA52204-2 for Nitrogen, Nitrate + Nitrite: Detection limit raised due to dilution required for possible matrix interference.

Wet Chemistry By Method EPA 365.3

Matrix: AQ

Batch ID: GP54792

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52274-1DUP, JA52274-1MS were used as the QC samples for Phosphorus, Total.
- Matrix Spike Recovery(s) for Phosphorus, Total are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Duplicate for Phosphorus, Total are outside control limits for sample GP54792-D1. High RPD due to possible sample nonhomogeneity.

Wet Chemistry By Method EPA353.2/SM4500NO2B**Matrix:** AQ**Batch ID:** R93016

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JA52204-2 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Wet Chemistry By Method SM19 4500NO2B**Matrix:** AQ**Batch ID:** GN40263

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52191-1DUP, JA52191-1MS were used as the QC samples for Nitrogen, Nitrite.

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

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

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



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW01(6-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-1	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B60491.D	1	07/29/10	JTP	n/a	n/a	V3B2823
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	26.6	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	3.0	5.0	1.9	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	26.9	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.3	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.69	1.0	0.25	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW01(6-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-1	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	1.9	2.0	0.57	ug/l	J
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	3.6	5.0	0.35	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	1.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	2.4	1.0	0.44	ug/l	
	m,p-Xylene	0.30	1.0	0.25	ug/l	J
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	0.30	1.0	0.25	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	108%		64-135%
2037-26-5	Toluene-D8	111%		76-117%
460-00-4	4-Bromofluorobenzene	105%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	MW01(6-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-1	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P471.D	1	08/03/10	KLS	07/27/10	OP44800	E2P25
Run #2							

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

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	0.74	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.51	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.1	ug/l	
	3&4-Methylphenol	ND	2.0	1.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.2	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.83	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.80	ug/l	
108-95-2	Phenol	ND	2.0	0.58	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.81	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.2	ug/l	
83-32-9	Acenaphthene	0.67	1.0	0.37	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.27	ug/l	
98-86-2	Acetophenone	ND	2.0	0.40	ug/l	
120-12-7	Anthracene	ND	1.0	0.16	ug/l	
1912-24-9	Atrazine	ND	5.0	0.39	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.40	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.12	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.095	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.25	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.12	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.38	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.35	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.25	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.42	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.25	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW01(6-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-1	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.20	ug/l	
218-01-9	Chrysene	ND	1.0	0.11	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.25	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.31	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.39	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.35	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.22	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.33	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.30	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.15	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.30	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.19	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.40	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.33	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.27	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.24	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.21	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.13	ug/l	
78-59-1	Isophorone	ND	2.0	0.25	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.66	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.29	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.18	ug/l	
91-20-3	Naphthalene	ND	1.0	0.43	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.44	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.21	ug/l	
129-00-0	Pyrene	ND	1.0	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		13-68%
4165-62-2	Phenol-d5	20%		10-49%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW01(6-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-1	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	110%		37-130%
4165-60-0	Nitrobenzene-d5	99%		25-112%
321-60-8	2-Fluorobiphenyl	84%		31-106%
1718-51-0	Terphenyl-d14	74%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW01(6-18)

Lab Sample ID: JA52204-1

Date Sampled: 07/21/10

Matrix: AQ - Ground Water

Date Received: 07/23/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Antimony	< 6.0	6.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Arsenic	5.7	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Barium	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Beryllium	< 1.0	1.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cadmium	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Calcium	64800	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Chromium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cobalt	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Copper	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Iron	< 100	100	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Lead	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Magnesium	< 5000	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Manganese	246	15	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Mercury	< 0.20	0.20	ug/l	1	08/05/10	08/06/10	JW	SW846 7470A ²
Nickel	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Potassium	< 10000	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Selenium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Silver	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Sodium	16300	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Thallium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Vanadium	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Zinc	< 20	20	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24773

(3) Prep QC Batch: MP53935

(4) Prep QC Batch: MP54076

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW01(6-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-1	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/28/10 16:24	NP	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW03(3-18)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-2	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B60486.D	5	07/29/10	JTP	n/a	n/a	V3B2823
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	39.7	50	14	ug/l	J
71-43-2	Benzene	6.0	5.0	1.2	ug/l	
74-97-5	Bromochloromethane	ND	25	1.7	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.5	ug/l	
78-93-3	2-Butanone (MEK)	10.8	50	8.1	ug/l	J
75-15-0	Carbon disulfide	ND	10	3.7	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.3	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.9	ug/l	
75-00-3	Chloroethane	ND	5.0	1.9	ug/l	
67-66-3	Chloroform	3.8	5.0	1.2	ug/l	J
74-87-3	Chloromethane	ND	5.0	1.4	ug/l	
110-82-7	Cyclohexane	ND	25	9.3	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	5.5	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.1	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.3	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	4.6	ug/l	
75-34-3	1,1-Dichloroethane	7.6	5.0	1.4	ug/l	
107-06-2	1,2-Dichloroethane	16.2	5.0	1.7	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	2.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	61.2	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.7	5.0	1.2	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.2	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	630	470	ug/l	
100-41-4	Ethylbenzene	1.9	5.0	1.3	ug/l	J
76-13-1	Freon 113	ND	25	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW03(3-18)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-2	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	25	7.0	ug/l	
98-82-8	Isopropylbenzene	ND	10	2.9	ug/l	
79-20-9	Methyl Acetate	ND	25	7.5	ug/l	
108-87-2	Methylcyclohexane	ND	25	1.8	ug/l	
1634-04-4	Methyl Tert Butyl Ether	98.5	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	4.3	ug/l	
75-09-2	Methylene chloride	17.5	10	1.5	ug/l	
100-42-5	Styrene	ND	25	2.9	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.2	ug/l	
127-18-4	Tetrachloroethene	17.6	5.0	1.3	ug/l	
108-88-3	Toluene	7.4	5.0	1.5	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	2.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	2.8	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	12.3	5.0	1.2	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	2.7	ug/l	
75-01-4	Vinyl chloride	5.5	5.0	2.2	ug/l	
	m,p-Xylene	7.5	5.0	1.3	ug/l	
95-47-6	o-Xylene	3.4	5.0	1.3	ug/l	J
1330-20-7	Xylene (total)	11.0	5.0	1.3	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	110%		64-135%
2037-26-5	Toluene-D8	111%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

(a) Dilution required due to sample foaming and sample matrix.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	MW03(3-18)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-2	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P484.D	1	08/03/10	KLS	07/27/10	OP44800	E2P25
Run #2	2P545.D	10	08/05/10	LP	07/27/10	OP44800	E2P28

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2	950 ml	1.0 ml

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	5.8	5.3	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	0.78	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.54	ug/l	
95-48-7	2-Methylphenol	2.9	2.1	1.2	ug/l	
	3&4-Methylphenol	2.2	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	1.3	ug/l	
100-02-7	4-Nitrophenol	ND	11	0.87	ug/l	
87-86-5	Pentachlorophenol	ND	11	0.84	ug/l	
108-95-2	Phenol	2.4	2.1	0.61	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	0.85	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	1.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	1.3	ug/l	
83-32-9	Acenaphthene	0.58	1.1	0.39	ug/l	J
208-96-8	Acenaphthylene	ND	1.1	0.29	ug/l	
98-86-2	Acetophenone	ND	2.1	0.42	ug/l	
120-12-7	Anthracene	5.2	1.1	0.17	ug/l	
1912-24-9	Atrazine	ND	5.3	0.41	ug/l	
100-52-7	Benzaldehyde	ND	5.3	0.43	ug/l	
56-55-3	Benzo(a)anthracene	220 ^a	11	1.3	ug/l	
50-32-8	Benzo(a)pyrene	94.7	1.1	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	55.1	1.1	0.26	ug/l	
191-24-2	Benzo(g,h,i)perylene	51.5	1.1	0.13	ug/l	
207-08-9	Benzo(k)fluoranthene	17.0	1.1	0.40	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.37	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.26	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.1	0.44	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.44	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.27	ug/l	
86-74-8	Carbazole	ND	1.1	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW03(3-18)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-2	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.21	ug/l	
218-01-9	Chrysene	297 ^a	11	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.26	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.33	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.41	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.23	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.34	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.31	ug/l	
53-70-3	Dibenzo(a,h)anthracene	36.3	1.1	0.16	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.32	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.20	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.42	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.24	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.34	ug/l	
206-44-0	Fluoranthene	23.8	1.1	0.18	ug/l	
86-73-7	Fluorene	1.2	1.1	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.1	0.28	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.26	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.22	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	1.1	0.14	ug/l	
78-59-1	Isophorone	3.1	2.1	0.26	ug/l	
91-57-6	2-Methylnaphthalene	5.6	1.1	0.69	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	0.25	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	0.30	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	0.19	ug/l	
91-20-3	Naphthalene	3.0	1.1	0.45	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.27	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.46	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.23	ug/l	
85-01-8	Phenanthrene	37.4	1.1	0.22	ug/l	
129-00-0	Pyrene	91.4	1.1	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.51	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%	37%	13-68%
4165-62-2	Phenol-d5	34%	23%	10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW03(3-18)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-2	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	107%	110%	37-130%
4165-60-0	Nitrobenzene-d5	89%	80%	25-112%
321-60-8	2-Fluorobiphenyl	82%	86%	31-106%
1718-51-0	Terphenyl-d14	81%	84%	14-122%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW03(3-18)

Lab Sample ID: JA52204-2

Date Sampled: 07/22/10

Matrix: AQ - Ground Water

Date Received: 07/23/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum ^a	17500	400	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Antimony ^a	< 12	12	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Arsenic ^a	67.9	6.0	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Barium ^a	< 400	400	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Beryllium ^a	< 2.0	2.0	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Cadmium ^a	< 6.0	6.0	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Calcium	709000	10000	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Chromium ^a	31.9	20	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Cobalt ^a	< 100	100	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Copper ^a	21.1	20	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Iron ^a	82200	200	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Lead ^a	15.4	6.0	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Magnesium ^a	160000	10000	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Manganese ^a	7490	30	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Mercury ^b	< 0.80	0.80	ug/l	1	08/05/10	08/06/10	JW	SW846 7470A ²
Nickel ^a	27.8	20	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Potassium ^a	149000	20000	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Selenium ^a	< 20	20	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Silver ^a	< 20	20	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Sodium ^a	487000	20000	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Thallium ^a	< 20	20	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Vanadium ^a	< 100	100	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹
Zinc ^a	154	40	ug/l	2	07/29/10	08/03/10	GT	SW846 6010B ¹

(1) Instrument QC Batch: MA24744

(2) Instrument QC Batch: MA24773

(3) Prep QC Batch: MP53935

(4) Prep QC Batch: MP54076

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

(b) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW03(3-18)	Date Sampled: 07/22/10
Lab Sample ID: JA52204-2	Date Received: 07/23/10
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Former Pratt Oil Works, Long Island City, NY	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bromide	< 8.0	8.0	mg/l	4	07/30/10 06:51	MS	EPA 300/SW846 9056
Chloride	1370	40	mg/l	20	07/30/10 05:41	MS	EPA 300/SW846 9056
Cyanide	0.014	0.010	mg/l	1	08/03/10 11:40	NP	EPA 335.4/LACHAT
Fluoride	< 0.80	0.80	mg/l	4	07/30/10 06:51	MS	EPA 300/SW846 9056
Nitrogen, Nitrate ^a	< 0.21	0.21	mg/l	1	08/06/10 11:40	JA	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite ^b	< 0.20	0.20	mg/l	2	08/06/10 11:40	JA	EPA 353.2/LACHAT
Nitrogen, Nitrite	< 0.010	0.010	mg/l	1	07/23/10 22:25	RA	SM19 4500NO2B
Phosphorus, Total	0.74	0.25	mg/l	5	08/03/10	JA	EPA 365.3
Sulfate	4150	200	mg/l	20	07/30/10 05:41	MS	EPA 300/SW846 9056

(a) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

(b) Detection limit raised due to dilution required for possible matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW04D(13-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-3	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B60528.D	10	07/30/10	JTP	n/a	n/a	V3B2825
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	29	ug/l	
71-43-2	Benzene	27.2	10	2.3	ug/l	
74-97-5	Bromochloromethane	ND	50	3.3	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.2	ug/l	
75-25-2	Bromoform	ND	40	2.3	ug/l	
74-83-9	Bromomethane	ND	20	3.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	16	ug/l	
75-15-0	Carbon disulfide	ND	20	7.4	ug/l	
56-23-5	Carbon tetrachloride	ND	10	2.6	ug/l	
108-90-7	Chlorobenzene	ND	10	3.9	ug/l	
75-00-3	Chloroethane	1240	10	3.7	ug/l	
67-66-3	Chloroform	ND	10	2.3	ug/l	
74-87-3	Chloromethane	ND	10	2.9	ug/l	
110-82-7	Cyclohexane	ND	50	19	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	11	ug/l	
124-48-1	Dibromochloromethane	ND	10	2.2	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	3.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	2.6	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	2.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	9.2	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	2.9	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	3.3	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	4.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.2	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	10	2.5	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	2.7	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.5	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	2.1	ug/l	
123-91-1	1,4-Dioxane	ND	1300	940	ug/l	
100-41-4	Ethylbenzene	ND	10	2.7	ug/l	
76-13-1	Freon 113	ND	50	3.8	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW04D(13-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-3	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	50	14	ug/l	
98-82-8	Isopropylbenzene	6.8	20	5.7	ug/l	J
79-20-9	Methyl Acetate	ND	50	15	ug/l	
108-87-2	Methylcyclohexane	16.9	50	3.5	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.3	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	8.6	ug/l	
75-09-2	Methylene chloride	ND	20	3.0	ug/l	
100-42-5	Styrene	ND	50	5.8	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	2.4	ug/l	
127-18-4	Tetrachloroethene	ND	10	2.7	ug/l	
108-88-3	Toluene	ND	10	3.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	50	4.7	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	50	5.6	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.6	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	2.3	ug/l	
79-01-6	Trichloroethene	ND	10	2.4	ug/l	
75-69-4	Trichlorofluoromethane	ND	50	5.4	ug/l	
75-01-4	Vinyl chloride	ND	10	4.4	ug/l	
	m,p-Xylene	3.0	10	2.5	ug/l	J
95-47-6	o-Xylene	ND	10	2.5	ug/l	
1330-20-7	Xylene (total)	3.0	10	2.5	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		76-120%
17060-07-0	1,2-Dichloroethane-D4	113%		64-135%
2037-26-5	Toluene-D8	111%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW04D(13-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-3	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P472.D	1	08/03/10	KLS	07/27/10	OP44800	E2P25
Run #2							

Run #	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	0.76	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.53	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.2	ug/l	
	3&4-Methylphenol	ND	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	1.3	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.85	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.82	ug/l	
108-95-2	Phenol	ND	2.1	0.59	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	0.83	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	1.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	1.3	ug/l	
83-32-9	Acenaphthene	0.62	1.0	0.38	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.28	ug/l	
98-86-2	Acetophenone	ND	2.1	0.41	ug/l	
120-12-7	Anthracene	ND	1.0	0.17	ug/l	
1912-24-9	Atrazine	ND	5.2	0.40	ug/l	
100-52-7	Benzaldehyde	ND	5.2	0.42	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.13	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.098	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.25	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.12	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.36	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.26	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.43	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.26	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW04D(13-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-3	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.20	ug/l	
218-01-9	Chrysene	ND	1.0	0.11	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.26	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.32	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.36	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.23	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.34	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.2	0.30	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.16	ug/l	
132-64-9	Dibenzofuran	0.50	5.2	0.31	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	2.1	0.20	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.41	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.34	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	0.97	1.0	0.28	ug/l	J
118-74-1	Hexachlorobenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.25	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.22	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.14	ug/l	
78-59-1	Isophorone	ND	2.1	0.26	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.68	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	0.30	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	0.18	ug/l	
91-20-3	Naphthalene	0.63	1.0	0.44	ug/l	J
98-95-3	Nitrobenzene	ND	2.1	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.45	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.22	ug/l	
85-01-8	Phenanthrene	1.2	1.0	0.22	ug/l	
129-00-0	Pyrene	0.47	1.0	0.16	ug/l	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		13-68%
4165-62-2	Phenol-d5	21%		10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW04D(13-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-3	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	102%		37-130%
4165-60-0	Nitrobenzene-d5	100%		25-112%
321-60-8	2-Fluorobiphenyl	87%		31-106%
1718-51-0	Terphenyl-d14	80%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW04D(13-18)

Lab Sample ID: JA52204-3

Date Sampled: 07/21/10

Matrix: AQ - Ground Water

Date Received: 07/23/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Antimony	< 6.0	6.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Arsenic	15.9	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Barium	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Beryllium	< 1.0	1.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cadmium	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Calcium	60800	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Chromium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cobalt	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Copper	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Iron	34200	100	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Lead	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Magnesium	12100	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Manganese	509	15	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Mercury	< 0.20	0.20	ug/l	1	08/05/10	08/06/10	JW	SW846 7470A ²
Nickel	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Potassium	14400	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Selenium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Silver	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Sodium	127000	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Thallium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Vanadium	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Zinc	< 20	20	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24773

(3) Prep QC Batch: MP53935

(4) Prep QC Batch: MP54076

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW04D(13-18)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-3	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/28/10 16:25	NP	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW08(1-13)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-4	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B60527.D	1	07/30/10	JTP	n/a	n/a	V3B2825
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW08(1-13)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-4	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		76-120%
17060-07-0	1,2-Dichloroethane-D4	116%		64-135%
2037-26-5	Toluene-D8	113%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	MW08(1-13)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-4	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P473.D	1	08/03/10	KLS	07/27/10	OP44800	E2P25
Run #2							

Run #	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	0.76	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.53	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.2	ug/l	
	3&4-Methylphenol	ND	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	1.3	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.85	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.82	ug/l	
108-95-2	Phenol	ND	2.1	0.59	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	0.83	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	1.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	1.3	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.28	ug/l	
98-86-2	Acetophenone	ND	2.1	0.41	ug/l	
120-12-7	Anthracene	ND	1.0	0.17	ug/l	
1912-24-9	Atrazine	ND	5.2	0.40	ug/l	
100-52-7	Benzaldehyde	ND	5.2	0.42	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.13	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.098	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.25	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.12	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.36	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.26	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.43	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.26	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW08(1-13)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-4	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.20	ug/l	
218-01-9	Chrysene	ND	1.0	0.11	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.26	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.32	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.36	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.23	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.34	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.2	0.30	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.16	ug/l	
132-64-9	Dibenzofuran	ND	5.2	0.31	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.20	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.41	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.34	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.25	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.22	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.14	ug/l	
78-59-1	Isophorone	ND	2.1	0.26	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.68	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	0.30	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	0.18	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.45	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.22	ug/l	
129-00-0	Pyrene	ND	1.0	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	54%		13-68%
1465-62-2	Phenol-d5	41%		10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW08(1-13)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-4	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	117%		37-130%
4165-60-0	Nitrobenzene-d5	99%		25-112%
321-60-8	2-Fluorobiphenyl	85%		31-106%
1718-51-0	Terphenyl-d14	90%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW08(1-13)

Lab Sample ID: JA52204-4

Date Sampled: 07/21/10

Matrix: AQ - Ground Water

Date Received: 07/23/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Antimony	< 6.0	6.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Arsenic	4.6	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Barium	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Beryllium	< 1.0	1.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cadmium	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Calcium	234000	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Chromium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cobalt	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Copper	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Iron	554	100	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Lead ^a	< 15	15	ug/l	5	07/29/10	08/02/10	GT	SW846 6010B ²
Magnesium	740000	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Manganese	150	15	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Mercury	< 0.20	0.20	ug/l	1	08/05/10	08/06/10	JW	SW846 7470A ⁴
Nickel ^a	< 50	50	ug/l	5	07/29/10	08/02/10	GT	SW846 6010B ²
Potassium	242000	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Selenium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Silver	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Sodium	5600000	100000	ug/l	10	07/29/10	08/03/10	GT	SW846 6010B ³
Thallium ^a	< 50	50	ug/l	5	07/29/10	08/02/10	GT	SW846 6010B ²
Vanadium	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Zinc	< 20	20	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24744

(3) Instrument QC Batch: MA24752

(4) Instrument QC Batch: MA24773

(5) Prep QC Batch: MP53935

(6) Prep QC Batch: MP54076

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW08(1-13)	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-4	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/28/10 16:26	NP	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW15(5.5-20.5)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-5	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B60492.D	1	07/29/10	JTP	n/a	n/a	V3B2823
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW15(5.5-20.5)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-5	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	0.89	5.0	0.35	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		76-120%
17060-07-0	1,2-Dichloroethane-D4	109%		64-135%
2037-26-5	Toluene-D8	111%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	MW15(5.5-20.5)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-5	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P474.D	1	08/03/10	KLS	07/27/10	OP44800	E2P25
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	0.76	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.53	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.2	ug/l	
	3&4-Methylphenol	ND	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	1.3	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.85	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.82	ug/l	
108-95-2	Phenol	ND	2.1	0.59	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	0.83	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	1.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	1.3	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.28	ug/l	
98-86-2	Acetophenone	ND	2.1	0.41	ug/l	
120-12-7	Anthracene	ND	1.0	0.17	ug/l	
1912-24-9	Atrazine	ND	5.2	0.40	ug/l	
100-52-7	Benzaldehyde	ND	5.2	0.42	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.13	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.098	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.25	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.12	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.36	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.26	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.43	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.26	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW15(5.5-20.5)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-5	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.20	ug/l	
218-01-9	Chrysene	ND	1.0	0.11	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.26	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.32	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.36	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.23	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.34	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.2	0.30	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.16	ug/l	
132-64-9	Dibenzofuran	ND	5.2	0.31	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.20	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.41	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.34	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.25	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.22	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.14	ug/l	
78-59-1	Isophorone	ND	2.1	0.26	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.68	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	0.30	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	0.18	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.45	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.22	ug/l	
129-00-0	Pyrene	ND	1.0	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		13-68%
4165-62-2	Phenol-d5	20%		10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW15(5.5-20.5)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-5	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	100%		37-130%
4165-60-0	Nitrobenzene-d5	89%		25-112%
321-60-8	2-Fluorobiphenyl	74%		31-106%
1718-51-0	Terphenyl-d14	63%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW15(5.5-20.5)

Lab Sample ID: JA52204-5

Date Sampled: 07/22/10

Matrix: AQ - Ground Water

Date Received: 07/23/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Arsenic	34.5	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Barium	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Calcium	71300	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Chromium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Cobalt	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Copper	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Iron	51800	100	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Magnesium	5990	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Manganese	902	15	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	08/05/10	08/06/10	JW	SW846 7470A ² SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Potassium	10400	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Selenium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Silver	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Sodium	77600	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Thallium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Vanadium	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³
Zinc	< 20	20	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹ SW846 3010A ³

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24773

(3) Prep QC Batch: MP53935

(4) Prep QC Batch: MP54076

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW15(5.5-20.5)	Date Sampled:	07/22/10
Lab Sample ID:	JA52204-5	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/03/10 11:41	NP	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-6	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B60493.D	1	07/29/10	JTP	n/a	n/a	V3B2823
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	26.3	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	3.1	5.0	1.9	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	27.7	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.7	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.81	1.0	0.25	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-6	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	1.9	2.0	0.57	ug/l	J
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	3.7	5.0	0.35	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	1.1	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	2.6	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		76-120%
17060-07-0	1,2-Dichloroethane-D4	110%		64-135%
2037-26-5	Toluene-D8	112%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

ND = Not detected MDL - Method Detection Limit
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 E = Indicates value exceeds calibration range

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

Report of Analysis

Page 1 of 3

Client Sample ID:	DUP-1		
Lab Sample ID:	JA52204-6	Date Sampled:	07/21/10
Matrix:	AQ - Ground Water	Date Received:	07/23/10
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P475.D	1	08/03/10	KLS	07/27/10	OP44800	E2P25
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	1.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	1.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.7	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	0.77	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.53	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.2	ug/l	
	3&4-Methylphenol	ND	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	1.3	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.86	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.83	ug/l	
108-95-2	Phenol	ND	2.1	0.60	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	0.84	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	1.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	1.3	ug/l	
83-32-9	Acenaphthene	0.69	1.0	0.38	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.29	ug/l	
98-86-2	Acetophenone	ND	2.1	0.42	ug/l	
120-12-7	Anthracene	ND	1.0	0.17	ug/l	
1912-24-9	Atrazine	ND	5.2	0.41	ug/l	
100-52-7	Benzaldehyde	ND	5.2	0.42	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.13	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.099	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.26	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.12	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.36	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.26	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.44	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.26	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JA52204-6	Date Sampled:	07/21/10
Matrix:	AQ - Ground Water	Date Received:	07/23/10
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.20	ug/l	
218-01-9	Chrysene	ND	1.0	0.11	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.26	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.32	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.41	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.23	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.34	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.2	0.31	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.16	ug/l	
132-64-9	Dibenzofuran	ND	5.2	0.32	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.20	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.41	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.17	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.34	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.18	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.28	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.13	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.25	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.22	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.14	ug/l	
78-59-1	Isophorone	ND	2.1	0.26	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.69	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	0.24	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	0.30	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	0.19	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.46	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.22	ug/l	
129-00-0	Pyrene	ND	1.0	0.16	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		13-68%
4165-62-2	Phenol-d5	23%		10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-6	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	112%		37-130%
4165-60-0	Nitrobenzene-d5	100%		25-112%
321-60-8	2-Fluorobiphenyl	88%		31-106%
1718-51-0	Terphenyl-d14	70%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: DUP-1

Lab Sample ID: JA52204-6

Date Sampled: 07/21/10

Matrix: AQ - Ground Water

Date Received: 07/23/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Antimony	< 6.0	6.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Arsenic	6.1	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Barium	< 200	200	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Beryllium	< 1.0	1.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cadmium	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Calcium	65600	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Chromium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Cobalt	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Copper	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Iron	< 100	100	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Lead	< 3.0	3.0	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Magnesium	< 5000	5000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Manganese	240	15	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Mercury	< 0.20	0.20	ug/l	1	08/05/10	08/06/10	JW	SW846 7470A ²
Nickel	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Potassium	< 10000	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Selenium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Silver	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Sodium	16200	10000	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Thallium	< 10	10	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Vanadium	< 50	50	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹
Zinc	< 20	20	ug/l	1	07/29/10	07/31/10	VC	SW846 6010B ¹

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24773

(3) Prep QC Batch: MP53935

(4) Prep QC Batch: MP54076

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-1	Date Sampled:	07/21/10
Lab Sample ID:	JA52204-6	Date Received:	07/23/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/28/10 16:27	NP	EPA 335.4/LACHAT

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

7735

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JAS2204

[illegible]

~~ALL SAMPLES RECEIVED
PRESERVED AS APPLICABLE~~

 $^{0}M_{sc} \quad 5.2^{\circ}, 5.6^{\circ}C$

JA52204: Chain of Custody

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JA52204
COC

Sample Log-In Summary

Lab Name: <u>ACCUTEST</u>		Page <u>1</u> of <u>1</u>	
Received by (Print Name): <u>M. GREGA</u>		Log-in Date: <u>7/23/10</u>	
Received by (Signature): <u>[Signature]</u>			
Case Number: <u>N/A</u>		CORRESPONDING	
SDG Number: <u>N/A</u>		NYSDEC SAMPLE #	SAMPLE TAG #
SAS Number: <u>N/A</u>		ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
REMARKS:		N/A	JA52204-1 OK
Custody Seal(s)	Present/Absent* <u>Absent*</u>	N/A	2 "MFA" Vol
	Intact/Broken	N/A	3
Custody Seal Numbers:	<u>NONE</u>	N/A	4
Chain-of-Custody Records	Present/Absent* <u>Absent*</u>	N/A	5
Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* <u>N/A</u>	N/A	6
Airbill	Airbill/Sticker <u>N/A</u>	N/A	
Airbill No.:	Present/Absent* <u>N/A</u>	N/A	
Sample Tags	Present/Absent* <u>N/A</u>	N/A	
Sample Tag Nos.	Listed/Not Listed on <u>N/A</u>	N/A	
Sample Condition	Chain-of-Custody <u>N/A</u>	N/A	
	Intact/Broken* <u>N/A</u>	N/A	
	Leaking <u>N/A</u>	N/A	
Does Information on custody rec., CLSIS, & sample tags agree	<u>Yes</u> /No*	N/A	
Date received at Lab:	<u>7/23/10</u>	N/A	
Time Received:	<u>1745</u>	N/A	
Do aqueous VOC vials have headspace?	Yes/No* <u>No*</u>	N/A	
Are preserved voc samples fully imbedded in preservative?	Yes/No* <u>N/A</u>	N/A	
Sample Transfer			
ion:			
#:			
See Internal Chain of Custody			

JA52204: Chain of Custody
Page 2 of 4

tract BTR and attach record of resolution
wed By: _____

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

Form: SM10-02



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA52204

Client: KLEINFELDER-NY

Immediate Client Services Action Required: No

Date / Time Received: 7/23/2010 1745

Delivery Method: Accutest Courier

Client Service Action Required at Login: Yes

Project: PRATT

No. Coolers:

2

Airbill #'s:

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y

N

N/A

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

Comments

-2 ALSO REC'D 3 N/P "MFA" VIALS

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y N N/A

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

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA52204: Chain of Custody
Page 3 of 4



Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA52204

CSR: Victoria/Matt

Response Date 7/26/2010

Response: Per J.Wolf SMFAE not needed

4.1

4

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JA52204: Chain of Custody
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08/06/10

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA51967

Sampling Date: 07/20/10

Report to:

Kleinfelder

jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: 17



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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

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

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

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Sample Summary

Kleinfelder

Job No: JA51967

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA51967-1	07/20/10	09:40 SES	07/21/10	AQ	Ground Water	MW10(3-13)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA51967

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

Report Date 8/6/2010 10:51:28 AM

On 07/21/2010, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA51967 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V2D3458

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP44739

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.
- RPD(s) for MSD for 2,4-Dinitrophenol are outside control limits for sample OP44739-MSD. Outside of in house control limits.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP53897

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD, JA51970-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Arsenic, Chromium, Copper, Nickel, Selenium, Silver, Vanadium, Zinc are outside control limits for sample MP53897-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Iron are outside control limits for sample MP53897-SD1. Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP53996

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP54740

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP54740-D1. RPD acceptable due to low duplicate and sample concentrations.

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

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

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



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW10(3-13)	Date Sampled:	07/20/10
Lab Sample ID:	JA51967-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D85933.D	1	07/23/10	MH	n/a	n/a	V2D3458
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW10(3-13)	Date Sampled:	07/20/10
Lab Sample ID:	JA51967-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		76-120%
17060-07-0	1,2-Dichloroethane-D4	90%		64-135%
2037-26-5	Toluene-D8	85%		76-117%
460-00-4	4-Bromofluorobenzene	88%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Page 1 of 3

Client Sample ID:	MW10(3-13)	Date Sampled:	07/20/10
Lab Sample ID:	JA51967-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R81541.D	1	07/27/10	OYA	07/22/10	OP44739	ER3046
Run #2							

Run #	Initial Volume	Final Volume
Run #1	850 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.9	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.9	1.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.9	1.4	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.9	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	0.87	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	24	0.60	ug/l	
95-48-7	2-Methylphenol	ND	2.4	1.3	ug/l	
	3&4-Methylphenol	ND	2.4	1.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.9	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	12	0.97	ug/l	
87-86-5	Pentachlorophenol	ND	12	0.94	ug/l	
108-95-2	Phenol	ND	2.4	0.68	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.9	0.95	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.9	1.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.9	1.4	ug/l	
83-32-9	Acenaphthene	0.74	1.2	0.43	ug/l	J
208-96-8	Acenaphthylene	ND	1.2	0.32	ug/l	
98-86-2	Acetophenone	ND	2.4	0.47	ug/l	
120-12-7	Anthracene	ND	1.2	0.19	ug/l	
1912-24-9	Atrazine	ND	5.9	0.46	ug/l	
100-52-7	Benzaldehyde	ND	5.9	0.48	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.2	0.14	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.2	0.11	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.2	0.29	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.2	0.14	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.2	0.44	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.4	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.4	0.30	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.2	0.50	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.4	0.49	ug/l	
106-47-8	4-Chloroaniline	ND	5.9	0.30	ug/l	
86-74-8	Carbazole	ND	1.2	0.19	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW10(3-13)	Date Sampled:	07/20/10
Lab Sample ID:	JA51967-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.4	0.23	ug/l	
218-01-9	Chrysene	ND	1.2	0.13	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.4	0.29	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.4	0.36	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.4	0.46	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.4	0.42	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.4	0.26	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.4	0.38	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.9	0.35	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.2	0.18	ug/l	
132-64-9	Dibenzofuran	ND	5.9	0.36	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.4	0.22	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.4	0.46	ug/l	
84-66-2	Diethyl phthalate	ND	2.4	0.19	ug/l	
131-11-3	Dimethyl phthalate	ND	2.4	0.26	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.4	0.38	ug/l	
206-44-0	Fluoranthene	ND	1.2	0.20	ug/l	
86-73-7	Fluorene	ND	1.2	0.31	ug/l	
118-74-1	Hexachlorobenzene	ND	1.2	0.31	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.2	0.15	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	24	0.29	ug/l	
67-72-1	Hexachloroethane	ND	2.4	0.25	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.2	0.15	ug/l	
78-59-1	Isophorone	ND	2.4	0.29	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.2	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.9	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.9	0.34	ug/l	
100-01-6	4-Nitroaniline	ND	5.9	0.21	ug/l	
91-20-3	Naphthalene	ND	1.2	0.50	ug/l	
98-95-3	Nitrobenzene	ND	2.4	0.30	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.4	0.52	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.9	0.25	ug/l	
85-01-8	Phenanthrene	ND	1.2	0.25	ug/l	
129-00-0	Pyrene	0.80	1.2	0.18	ug/l	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.4	0.57	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		13-68%
4165-62-2	Phenol-d5	31%		10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	MW10(3-13)	Date Sampled:	07/20/10
Lab Sample ID:	JA51967-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	104%		37-130%
4165-60-0	Nitrobenzene-d5	78%		25-112%
321-60-8	2-Fluorobiphenyl	73%		31-106%
1718-51-0	Terphenyl-d14	84%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW10(3-13)

Lab Sample ID: JA51967-1

Date Sampled: 07/20/10

Matrix: AQ - Ground Water

Date Received: 07/21/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Antimony	< 6.0	6.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Arsenic	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Barium	< 200	200	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Beryllium	< 1.0	1.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Cadmium	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Calcium	114000	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Chromium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Cobalt	< 50	50	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Copper	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Iron	6440	100	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Lead	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Magnesium	10000	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Manganese	694	15	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Mercury	< 0.20	0.20	ug/l	1	08/02/10	08/02/10	JW	SW846 7470A ²
Nickel	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Potassium	< 10000	10000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Selenium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Silver	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Sodium	49900	10000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Thallium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Vanadium	< 50	50	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Zinc	< 20	20	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24746

(3) Prep QC Batch: MP53897

(4) Prep QC Batch: MP53996

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW10(3-13)	Date Sampled:	07/20/10
Lab Sample ID:	JA51967-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.025	0.010	mg/l	1	07/27/10 18:59	NP	EPA 335.4/LACHAT

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

ACCUTEST Laboratories		Accutest New Jersey (Mid Atlantic) Regional Lab 2235 Route 130, Dayton, NJ 08810 TEL: 732-329-0200 FAX: 732-329-3459/3480 www.acctest.com		FED-EX Tracking # _____ Accutest Quote # _____		Bottle Order Control # _____ Accutest Job # JAS1967	
Client / Reporting Information Company Name: Kleinfielder Street Address: One Corporate Drive, Suite 201 City: Bohemia State: New York Zip: 11763 Project Contact: John Wolf E-mail: Jwolf@Kleinfielder.com Phone #: (631) 218-0612 Fax #: (631) 218-0787 Sample(s) Name(s): Self Storm 6874-1590		SITE NAME - FPOW Retail Project (MRN): E3 2007 63972 Major Project (AFE): Project Name: Former Pratt Oil Works (Parcel B) City: Long Island City State: NY ExconMobil Manager: Steve Trifiletti ExconMobil Purchase Order #: 4512298624		Requested Analysis (see TEST CODE sheet) VB260TCL11 (EPA SW846 8260 TCL VOCs) AB2210TCL11 (EPA SW846 8270B TCL Base Neutral and Acid Extractables) TAL METALS + CN (EPA SW846 6010/7470/7471, 7841, 9010) (EPA SW846 9012) Disrupted TAL METALS + CN (EPA SW846 6010/7470/7471, 7841, 9010) (EPA SW846 9012) (TAL Metals)		Matrix Codes DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank	
Field ID / Point of Collection MEQH/ Di Vial # _____ Date: 7/20/10 Time: 0940 Sampled by: SES Matrix: GW # of bottles: 566 Number of preserved Bottles: 67		HCL NaOH NH3 H2SO4 NONE DI Water MEQH ENCORE 3 1 1 2		LAB USE ONLY EX 22, ANET 3, WC 15, 7055			
Approved By (Accutest PM): / Date: ☒ Std. 10 Business Days ☐ 8 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY Emergency & Rush 1/A data available VIA Lablink		Data Deliverable Information ☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" ☐ NYASP Category A ☒ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other _____ Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data		NYASP Category B on CD only (not paper)			
Sample Custody must be documented below each time samples change possession, including courier delivery.							
Relinquished by Sampler: Joe Pe Date Time: 7/20/10 1515 Relinquished by Sampler: _____ Date Time: _____ Relinquished by: _____ Date Time: _____		Received By: Joe Pe Date Time: _____ Received By: _____ Date Time: _____ Received By: _____ Date Time: _____		Relinquished By: Joe Pe Date Time: 7-21-10 Relinquished By: _____ Date Time: _____ Relinquished By: _____ Date Time: _____			
Relinquished by: _____ Date Time: _____		Received By: _____ Date Time: _____		Relinquished By: _____ Date Time: _____			
Relinquished by: _____ Date Time: _____		Received By: _____ Date Time: _____		Relinquished By: _____ Date Time: _____			
Relinquished by: _____ Date Time: _____		Received By: _____ Date Time: _____		Relinquished By: _____ Date Time: _____			

JA51967: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA51967

COC

Lab Name: ACCUTEST Page 1 of 1

Received by (Print Name): M. CATEA Log-in Date: 7/21/10

Received by (Signature): [Signature]

Case Number:	DG Number:	AS Number:	CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
			NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
EMARKS:			N/A		JA51967-	
Custody Seal(s)	Present/Absent*		N/A			
	Intact/Broken		N/A			
Custody Seal	<u>NONE</u>		N/A			
Numbers:			N/A			
Chain-of-Custody	Present/Absent*		N/A			
Records			N/A			
Contract Lab	Present/Absent*/N/A		N/A			
Sample Inform.			N/A			
Sheet (CLIS)			N/A			
Airbill	Airbill/Sticker	N/A	N/A			
	Present/Absent*	N/A	N/A			
Airbill No.:	<u>N/A</u>		N/A			
			N/A			
Sample Tags	Present/Absent*	N/A	N/A			
Sample Tag Nos.	Listed/Not Listed on	N/A	N/A			
	Chain-of-Custody	N/A	N/A			
Sample Condition	Intact/Broken*/	N/A	N/A			
	Leaking	N/A	N/A			
Does Information			N/A			
on custody rec.,			N/A			
CLIS, & sample			N/A			
ags agree	Yes/No*		N/A			
Date received			N/A			
at Lab:	<u>7/21/10</u>		N/A			
Time Received:	<u>1920</u>		N/A			
Do aqueous VOC vials						
headspace?	Yes/No*					
Are preserved voc						
samples fully im-						
posed in preservative?	Yes/No* <u>N/A</u>		N/A			
Sample Transfer						
on:	<u>See Internal</u>					
#:	<u>Chain of Custody</u>					

JA51967: Chain of Custody

Page 2 of 3

Attach BTR and attach record of resolution

Received By: _____

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10-02



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA51967

Client:

Immediate Client Services Action Required: No

Date / Time Received: 7/21/2010

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

Airbill #'s:

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y or N N/A

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

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA51967: Chain of Custody

Page 3 of 3



08/06/10

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA51968

Sampling Date: 07/20/10

Report to:

Kleinfelder

jwolf@kleinfelder.com

ATTN: John Wolf

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



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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

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

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Test results relate only to samples analyzed.

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Sample Summary

Kleinfelder

Job No: JA51968

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA51968-1	07/20/10	11:20 SES	07/21/10	AQ	Ground Water	MW16(10.5-30.5)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA51968

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

Report Date 8/6/2010 10:49:22 AM

On 07/21/2010, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA51968 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V2D3458

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP44739

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.
- RPD(s) for MSD for 2,4-Dinitrophenol are outside control limits for sample OP44739-MSD. Outside of in house control limits.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP53897

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD, JA51970-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Arsenic, Chromium, Copper, Nickel, Selenium, Silver, Vanadium, Zinc are outside control limits for sample MP53897-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Iron are outside control limits for sample MP53897-SD1. Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP53996

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP54740

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP54740-D1. RPD acceptable due to low duplicate and sample concentrations.

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

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

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



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW16(10.5-30.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51968-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D85934.D	1	07/23/10	MH	n/a	n/a	V2D3458
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	3.6	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	3.4	5.0	1.9	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW16(10.5-30.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51968-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	0.87	2.0	0.57	ug/l	J
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	3.6	5.0	0.35	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	1.1	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	3.1	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	14.1	1.0	0.25	ug/l	
95-47-6	o-Xylene	5.2	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	19.3	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		76-120%
17060-07-0	1,2-Dichloroethane-D4	89%		64-135%
2037-26-5	Toluene-D8	89%		76-117%
460-00-4	4-Bromofluorobenzene	88%		72-122%

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Report of Analysis

Page 1 of 3

Client Sample ID:	MW16(10.5-30.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51968-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R81542.D	1	07/27/10	OYA	07/22/10	OP44739	ER3046
Run #2							

Run #	Initial Volume	Final Volume
Run #1	850 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.9	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.9	1.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.9	1.4	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.9	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	0.87	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	24	0.60	ug/l	
95-48-7	2-Methylphenol	ND	2.4	1.3	ug/l	
	3&4-Methylphenol	ND	2.4	1.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.9	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	12	0.97	ug/l	
87-86-5	Pentachlorophenol	ND	12	0.94	ug/l	
108-95-2	Phenol	ND	2.4	0.68	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.9	0.95	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.9	1.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.9	1.4	ug/l	
83-32-9	Acenaphthene	ND	1.2	0.43	ug/l	
208-96-8	Acenaphthylene	ND	1.2	0.32	ug/l	
98-86-2	Acetophenone	ND	2.4	0.47	ug/l	
120-12-7	Anthracene	1.1	1.2	0.19	ug/l	J
1912-24-9	Atrazine	ND	5.9	0.46	ug/l	
100-52-7	Benzaldehyde	ND	5.9	0.48	ug/l	
56-55-3	Benzo(a)anthracene	1.5	1.2	0.14	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.2	0.11	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.2	0.29	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.2	0.14	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.2	0.44	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.4	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.4	0.30	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.2	0.50	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.4	0.49	ug/l	
106-47-8	4-Chloroaniline	ND	5.9	0.30	ug/l	
86-74-8	Carbazole	ND	1.2	0.19	ug/l	

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Report of Analysis

Client Sample ID:	MW16(10.5-30.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51968-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.4	0.23	ug/l	
218-01-9	Chrysene	1.7	1.2	0.13	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.4	0.29	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.4	0.36	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.4	0.46	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.4	0.42	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.4	0.26	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.4	0.38	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.9	0.35	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.2	0.18	ug/l	
132-64-9	Dibenzofuran	ND	5.9	0.36	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.4	0.22	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.4	0.46	ug/l	
84-66-2	Diethyl phthalate	ND	2.4	0.19	ug/l	
131-11-3	Dimethyl phthalate	ND	2.4	0.26	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.4	0.38	ug/l	
206-44-0	Fluoranthene	0.72	1.2	0.20	ug/l	J
86-73-7	Fluorene	ND	1.2	0.31	ug/l	
118-74-1	Hexachlorobenzene	ND	1.2	0.31	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.2	0.15	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	24	0.29	ug/l	
67-72-1	Hexachloroethane	ND	2.4	0.25	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.2	0.15	ug/l	
78-59-1	Isophorone	ND	2.4	0.29	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.2	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.9	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.9	0.34	ug/l	
100-01-6	4-Nitroaniline	ND	5.9	0.21	ug/l	
91-20-3	Naphthalene	ND	1.2	0.50	ug/l	
98-95-3	Nitrobenzene	ND	2.4	0.30	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.4	0.52	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.9	0.25	ug/l	
85-01-8	Phenanthrene	3.7	1.2	0.25	ug/l	
129-00-0	Pyrene	1.6	1.2	0.18	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.4	0.57	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	49%		13-68%
4165-62-2	Phenol-d5	32%		10-49%

ND = Not detected MDL - Method Detection Limit

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E = Indicates value exceeds calibration range

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Report of Analysis

Page 3 of 3

Client Sample ID:	MW16(10.5-30.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51968-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	100%		37-130%
4165-60-0	Nitrobenzene-d5	76%		25-112%
321-60-8	2-Fluorobiphenyl	51%		31-106%
1718-51-0	Terphenyl-d14	81%		14-122%

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Report of Analysis

Client Sample ID:	MW16(10.5-30.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51968-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Antimony	< 6.0	6.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Arsenic	23.1	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Barium	246	200	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Beryllium	< 1.0	1.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Cadmium	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Calcium	78800	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Chromium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Cobalt	< 50	50	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Copper	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Iron	47400	100	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Lead	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Magnesium	19200	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Manganese	836	15	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Mercury	< 0.20	0.20	ug/l	1	08/02/10	08/02/10	JW	SW846 7470A ² SW846 7470A ⁴
Nickel	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Potassium	< 10000	10000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Selenium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Silver	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Sodium	64700	10000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Thallium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Vanadium	< 50	50	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³
Zinc	< 20	20	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹ SW846 3010A ³

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24746

(3) Prep QC Batch: MP53897

(4) Prep QC Batch: MP53996

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW16(10.5-30.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51968-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/27/10 19:00	NP	EPA 335.4/LACHAT

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



PAGE OF ____

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JAS1968

4.1

Page 1 of 3



Sample Log-In Summary

JA51968
COC

Lab Name: <u>ACCUTEST</u>		Page <u>1</u> of <u>1</u>	
Received by (Print Name): <u>M. CHENA</u>		Log-in Date: <u>7/21/10</u>	
Received by (Signature): <u>[Signature]</u>			
Case Number: <u>N/A</u>		CORRESPONDING	
SDG Number: <u>N/A</u>		NYSDEC SAMPLE #	SAMPLE TAG #
SAS Number: <u>N/A</u>		ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
REMARKS:			
Custody Seal(s)	Present/Absent* <u>(Present)</u>		
Intact/Broken			
Custody Seal Numbers:	<u>NONE</u>		
Chain-of-Custody Records	Present/Absent* <u>(Present)</u>		
Contract Lab Sample Inform. Sheet (CLIS)	Present/Absent* <u>N/A</u>		
Airbill	Airbill/Sticker Present/Absent* <u>N/A</u>		
Airbill No.:	<u>N/A</u>		
Sample Tags	Present/Absent* <u>N/A</u>		
Sample Tag Nos.	Listed/Not Listed on Chain-of-Custody <u>N/A</u>		
Sample Condition	Intact/Broken*/Leaking <u>(Intact)</u>		
Does Information on custody rec., CLSIS, & sample tags agree	Yes/No* <u>(Yes)</u>		
Date received at Lab:	<u>7/21/10</u>		
Time Received:	<u>1920</u>		
No aqueous VOC vials headspace?	Yes/No* <u>(No)</u>		
Are preserved voc samples fully im-d in preservative?	Yes/No* <u>(N/A)</u>		
Sample Transfer			
on:	<u>See Internal</u>		
	<u>Chain of Custody</u>		

JA51968: Chain of Custody
Page 2 of 3

act BTSP and attach record of resolution
ed By: _____

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

Form: SM10.03



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA51968

Client:

Immediate Client Services Action Required: No

Date / Time Received: 7/21/2010

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

Airbill #'s:

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y or N N/A

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

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA51968: Chain of Custody

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08/06/10

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA51969

Sampling Date: 07/20/10

Report to:

Kleinfelder

jwolf@kleinfelder.com

ATTN: John Wolf

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



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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

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

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

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Sample Summary

Kleinfelder

Job No: JA51969

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA51969-1	07/20/10	12:40 SES	07/21/10	AQ	Ground Water	MW20(9.5-29.5)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA51969

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

Report Date 8/6/2010 11:36:55 AM

On 07/21/2010, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA51969 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V2D3458

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP44739

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.
- RPD(s) for MSD for 2,4-Dinitrophenol are outside control limits for sample OP44739-MSD. Outside of in house control limits.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP53897

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD, JA51970-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Arsenic, Chromium, Copper, Nickel, Selenium, Silver, Vanadium, Zinc are outside control limits for sample MP53897-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Iron are outside control limits for sample MP53897-SD1. Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP53996

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP54740

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP54740-D1. RPD acceptable due to low duplicate and sample concentrations.

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

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

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



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

Client Sample ID:	MW20(9.5-29.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51969-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D85935.D	1	07/23/10	MH	n/a	n/a	V2D3458
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW20(9.5-29.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51969-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		76-120%
17060-07-0	1,2-Dichloroethane-D4	88%		64-135%
2037-26-5	Toluene-D8	83%		76-117%
460-00-4	4-Bromofluorobenzene	88%		72-122%

ND = Not detected MDL - Method Detection Limit

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J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	MW20(9.5-29.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51969-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R81543.D	1	07/27/10	OYA	07/22/10	OP44739	ER3046
Run #2							

Run #	Initial Volume	Final Volume
Run #1	850 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.9	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.9	1.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.9	1.4	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.9	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	0.87	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	24	0.60	ug/l	
95-48-7	2-Methylphenol	ND	2.4	1.3	ug/l	
	3&4-Methylphenol	ND	2.4	1.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.9	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	12	0.97	ug/l	
87-86-5	Pentachlorophenol	ND	12	0.94	ug/l	
108-95-2	Phenol	ND	2.4	0.68	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.9	0.95	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.9	1.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.9	1.4	ug/l	
83-32-9	Acenaphthene	ND	1.2	0.43	ug/l	
208-96-8	Acenaphthylene	ND	1.2	0.32	ug/l	
98-86-2	Acetophenone	ND	2.4	0.47	ug/l	
120-12-7	Anthracene	ND	1.2	0.19	ug/l	
1912-24-9	Atrazine	ND	5.9	0.46	ug/l	
100-52-7	Benzaldehyde	ND	5.9	0.48	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.2	0.14	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.2	0.11	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.2	0.29	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.2	0.14	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.2	0.44	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.4	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.4	0.30	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.2	0.50	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.4	0.49	ug/l	
106-47-8	4-Chloroaniline	ND	5.9	0.30	ug/l	
86-74-8	Carbazole	ND	1.2	0.19	ug/l	

ND = Not detected MDL - Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW20(9.5-29.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51969-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.4	0.23	ug/l	
218-01-9	Chrysene	ND	1.2	0.13	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.4	0.29	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.4	0.36	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.4	0.46	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.4	0.42	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.4	0.26	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.4	0.38	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.9	0.35	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.2	0.18	ug/l	
132-64-9	Dibenzofuran	ND	5.9	0.36	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.4	0.22	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.4	0.46	ug/l	
84-66-2	Diethyl phthalate	ND	2.4	0.19	ug/l	
131-11-3	Dimethyl phthalate	ND	2.4	0.26	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.4	0.38	ug/l	
206-44-0	Fluoranthene	ND	1.2	0.20	ug/l	
86-73-7	Fluorene	ND	1.2	0.31	ug/l	
118-74-1	Hexachlorobenzene	ND	1.2	0.31	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.2	0.15	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	24	0.29	ug/l	
67-72-1	Hexachloroethane	ND	2.4	0.25	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.2	0.15	ug/l	
78-59-1	Isophorone	ND	2.4	0.29	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.2	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.9	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.9	0.34	ug/l	
100-01-6	4-Nitroaniline	ND	5.9	0.21	ug/l	
91-20-3	Naphthalene	ND	1.2	0.50	ug/l	
98-95-3	Nitrobenzene	ND	2.4	0.30	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.4	0.52	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.9	0.25	ug/l	
85-01-8	Phenanthrene	ND	1.2	0.25	ug/l	
129-00-0	Pyrene	ND	1.2	0.18	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.4	0.57	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		13-68%
4165-62-2	Phenol-d5	32%		10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW20(9.5-29.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51969-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	101%		37-130%
4165-60-0	Nitrobenzene-d5	83%		25-112%
321-60-8	2-Fluorobiphenyl	77%		31-106%
1718-51-0	Terphenyl-d14	83%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW20(9.5-29.5)

Lab Sample ID: JA51969-1

Date Sampled: 07/20/10

Matrix: AQ - Ground Water

Date Received: 07/21/10

Percent Solids: n/a

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

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Antimony	< 6.0	6.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Arsenic	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Barium	< 200	200	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Beryllium	< 1.0	1.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Cadmium	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Calcium	113000	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Chromium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Cobalt	< 50	50	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Copper	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Iron	26200	100	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Lead	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Magnesium	36500	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Manganese	3540	15	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Mercury	< 0.20	0.20	ug/l	1	08/02/10	08/02/10	JW	SW846 7470A ²
Nickel	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Potassium	< 10000	10000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Selenium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Silver	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Sodium	168000	10000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Thallium	< 10	10	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Vanadium	< 50	50	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹
Zinc	< 20	20	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ¹

(1) Instrument QC Batch: MA24737

(2) Instrument QC Batch: MA24746

(3) Prep QC Batch: MP53897

(4) Prep QC Batch: MP53996

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW20(9.5-29.5)	Date Sampled:	07/20/10
Lab Sample ID:	JA51969-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/27/10 19:01	NP	EPA 335.4/LACHAT

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

ACCUTEST Laboratories		Accutest New Jersey (Mid Atlantic) Regional Lab 2235 Route 130, Dayton, NJ 08810 TEL 732-329-0200 FAX 732-329-3499/3480 www.accutest.com		FED-EX Tracking # _____ Accutest Quote # _____		Bottle Order Control # _____ Accutest Job # JAS1969											
Client / Reporting Information		SITE NAME - FPOW		Requested Analysis (see TEST CODE sheet)				Matrix Codes									
Company Name Kleinfelder Street Address One Corporate Drive, Suite 201 City Bohemia State New York Zip 11763 Project Contact John Wolf E-mail jwolf@kleinfelder.com Phone # (631) 218-0612 Fax # (631) 218-0787 Sampler(s) Name(s) Scott Stoen Phone # 631 774-1590		Retail Project (MRN) E3 2007 63972 Major Project (AFE) ExxonMobil Environmental Services Co. Project Name Former Pratt Oil Works (Parcel I) City Long Island City State NY ExconMobil Manager Steve Trifletti ExconMobil Purchase Order # 4512298624		If Project is Direct Bill to Consultant Company Name Street Address City State Zip Attention: PO#				V2260TCL11 (EPA SW846 1200 TCL VOCs) X X X TAL METALS + CN (EPA SW846 6010; 7470/7471, 7841, 8070) (EPA SW846 8070) DIFFERENTIAL METALS + CN (EPA SW846 8070; 7470/7471, 7841, 8070) (EPA SW846 8070)		DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank							
Field ID / Point of Collection		MEOH/ DI Vial #		Date		Time		Sampled by		Matrix		# of bottles		Number of preserved bottles		LAB USE ONLY	
MW20(9.5-29.5) -1				7/20/10		1240		SES		GW		673		11 2		EX22 AMET3 WC15 2055	
Approved By (Accutest PM): / Date:		Data Deliverable Information		Comments / Special Instructions													
☒ Std. 18 Business Days ☐ 8 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY		☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data		☐ NYASP Category A ☒ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other		NYASP Category B on CD only (not paper)											
Sample Custody must be documented below each time samples change possession, including courier delivery.																	
Relinquished by Sampler: 1 <i>[Signature]</i>		Date Time: 7/20/10 1545		Received By: 1 <i>[Signature]</i>		Date Time: 7-21-10		Received By: 2 <i>[Signature]</i>									
Relinquished by Sampler: 3		Date Time:		Received By: 3		Date Time:		Received By:									
Relinquished by: 5		Date Time:		Received By: 5		Date Time:		Received By:									
				Custody Seal # <i>N/A</i>		☐ Intact ☐ Not intact		Preserved where applicable		Cooler Temp. <i>28°C</i>							

JA51969: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA51964

COC

Lab Name: ACCUTEST Page 1 of 1

Received by (Print Name): M. CRINA Log-in Date: 7/21/10

Received by (Signature): [Signature]

Case Number: N/A

SDG Number: N/A

SAS Number: N/A

REMARKS:

Custody Seal(s) Present/Absent* (Present)
Intact/Broken

Custody Seal Numbers: NONE

Chain-of-Custody Records Present/Absent* (Present)

Contract Lab Present/Absent* N/A

Sample Inform. Sheet (CLIS) Present/Absent* N/A

Airbill Airbill/Sticker Present/Absent* N/A

Airbill No.: N/A

Sample Tags Present/Absent* N/A

Sample Tag Nos. Listed/Not Listed on Chain-of-Custody N/A

Sample Condition Intact/Broken* (Intact)

Leaking

Does Information on custody rec., CLIS, & sample tags agree Yes/No* (Yes)

Date received at Lab: 7/21/10

Time Received: 1920

Do aqueous VOC vials have headspace? Yes/No* (Yes)

Are preserved voc samples fully im-

d in preservative? Yes/No* (N/A)

Sample Transfer

on: See Internal

Chain of Custody

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10.02

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ACCUTEST Laboratories

JA51969

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JA51969: Chain of Custody

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JA51969: Chain of Custody

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JA51969: Chain of Custody

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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA51969

Client:

Immediate Client Services Action Required: No

Date / Time Received: 7/21/2010

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

Airbill #'s:

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y or N N/A

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

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA51969: Chain of Custody
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08/06/10

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA51970

Sampling Date: 07/19/10

Report to:

Kleinfelder

jwolf@kleinfelder.com

ATTN: John Wolf

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



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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

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

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Test results relate only to samples analyzed.

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Sample Summary

Kleinfelder

Job No: JA51970

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA51970-1	07/19/10	13:05 SES	07/21/10	AQ	Ground Water	MW21(10.5-25.5)
JA51970-1D	07/19/10	13:05 SES	07/21/10	AQ	Water Dup/MSD	MSD-1(MW-21)
JA51970-1S	07/19/10	13:05 SES	07/21/10	AQ	Water Matrix Spike	MS-1(MW-21)

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA51970

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

Report Date 8/6/2010 11:03:45 AM

On 07/21/2010, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA51970 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V2D3458

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP44739

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.
- RPD(s) for MSD for 2,4-Dinitrophenol are outside control limits for sample OP44739-MSD. Outside of in house control limits.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP53897

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD, JA51970-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Arsenic, Chromium, Copper, Nickel, Selenium, Silver, Vanadium, Zinc are outside control limits for sample MP53897-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Iron are outside control limits for sample MP53897-SD1. Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ

Batch ID: MP53996

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP54740

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP54740-D1. RPD acceptable due to low duplicate and sample concentrations.

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

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

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



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW21(10.5-25.5)	Date Sampled:	07/19/10
Lab Sample ID:	JA51970-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D85929.D	1	07/23/10	MH	n/a	n/a	V2D3458
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.75	1.0	0.23	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW21(10.5-25.5)	Date Sampled:	07/19/10
Lab Sample ID:	JA51970-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	5.7	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	3.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		76-120%
17060-07-0	1,2-Dichloroethane-D4	90%		64-135%
2037-26-5	Toluene-D8	84%		76-117%
460-00-4	4-Bromofluorobenzene	88%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Page 1 of 3

Client Sample ID:	MW21(10.5-25.5)	Date Sampled:	07/19/10
Lab Sample ID:	JA51970-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R81521.D	1	07/26/10	OYA	07/22/10	OP44739	ER3045
Run #2							

Run #	Initial Volume	Final Volume
Run #1	810 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	6.2	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	6.2	1.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	6.2	1.5	ug/l	
105-67-9	2,4-Dimethylphenol	ND	6.2	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	0.91	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	25	0.63	ug/l	
95-48-7	2-Methylphenol	ND	2.5	1.4	ug/l	
	3&4-Methylphenol	ND	2.5	1.3	ug/l	
88-75-5	2-Nitrophenol	ND	6.2	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	12	1.0	ug/l	
87-86-5	Pentachlorophenol	ND	12	0.99	ug/l	
108-95-2	Phenol	ND	2.5	0.71	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	6.2	1.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	6.2	1.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	6.2	1.5	ug/l	
83-32-9	Acenaphthene	ND	1.2	0.45	ug/l	
208-96-8	Acenaphthylene	ND	1.2	0.34	ug/l	
98-86-2	Acetophenone	ND	2.5	0.49	ug/l	
120-12-7	Anthracene	ND	1.2	0.20	ug/l	
1912-24-9	Atrazine	ND	6.2	0.48	ug/l	
100-52-7	Benzaldehyde	ND	6.2	0.50	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.2	0.15	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.2	0.12	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.2	0.30	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.2	0.15	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.2	0.47	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.5	0.43	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.5	0.31	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.2	0.52	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.5	0.51	ug/l	
106-47-8	4-Chloroaniline	ND	6.2	0.31	ug/l	
86-74-8	Carbazole	ND	1.2	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW21(10.5-25.5)	Date Sampled:	07/19/10
Lab Sample ID:	JA51970-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.5	0.24	ug/l	
218-01-9	Chrysene	ND	1.2	0.13	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.5	0.31	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.5	0.38	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.5	0.48	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.5	0.44	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.5	0.27	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.5	0.40	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	6.2	0.36	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.2	0.19	ug/l	
132-64-9	Dibenzofuran	ND	6.2	0.38	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.5	0.24	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.5	0.49	ug/l	
84-66-2	Diethyl phthalate	ND	2.5	0.20	ug/l	
131-11-3	Dimethyl phthalate	ND	2.5	0.28	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.5	0.40	ug/l	
206-44-0	Fluoranthene	ND	1.2	0.21	ug/l	
86-73-7	Fluorene	ND	1.2	0.33	ug/l	
118-74-1	Hexachlorobenzene	ND	1.2	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.2	0.16	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	25	0.30	ug/l	
67-72-1	Hexachloroethane	ND	2.5	0.26	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.2	0.16	ug/l	
78-59-1	Isophorone	ND	2.5	0.31	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.2	0.81	ug/l	
88-74-4	2-Nitroaniline	ND	6.2	0.29	ug/l	
99-09-2	3-Nitroaniline	ND	6.2	0.36	ug/l	
100-01-6	4-Nitroaniline	ND	6.2	0.22	ug/l	
91-20-3	Naphthalene	ND	1.2	0.53	ug/l	
98-95-3	Nitrobenzene	ND	2.5	0.31	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.5	0.54	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	6.2	0.27	ug/l	
85-01-8	Phenanthrene	ND	1.2	0.26	ug/l	
129-00-0	Pyrene	ND	1.2	0.19	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.5	0.60	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		13-68%
4165-62-2	Phenol-d5	31%		10-49%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	MW21(10.5-25.5)	Date Sampled:	07/19/10
Lab Sample ID:	JA51970-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Former Pratt Oil Works, Long Island City, NY		

ABN TCL List (SOM0 1.1)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	76%		37-130%
4165-60-0	Nitrobenzene-d5	69%		25-112%
321-60-8	2-Fluorobiphenyl	68%		31-106%
1718-51-0	Terphenyl-d14	74%		14-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	MW21(10.5-25.5)	Date Sampled:	07/19/10
Lab Sample ID:	JA51970-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Antimony	< 6.0	6.0	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Arsenic	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Barium	< 200	200	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Beryllium	< 1.0	1.0	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ²
Cadmium	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Calcium	114000	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ²
Chromium	< 10	10	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Cobalt	< 50	50	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Copper	< 10	10	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Iron	221	100	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ²
Lead	< 3.0	3.0	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Magnesium	36600	5000	ug/l	1	07/27/10	07/30/10	VC	SW846 6010B ²
Manganese	23.0	15	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Mercury	< 0.20	0.20	ug/l	1	08/02/10	08/02/10	JW	SW846 7470A ³
Nickel	< 10	10	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Potassium	< 10000	10000	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Selenium	< 10	10	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Silver	< 10	10	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Sodium	76400	10000	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Thallium	< 10	10	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Vanadium	< 50	50	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹
Zinc	< 20	20	ug/l	1	07/27/10	07/30/10	GT	SW846 6010B ¹

(1) Instrument QC Batch: MA24728

(2) Instrument QC Batch: MA24737

(3) Instrument QC Batch: MA24746

(4) Prep QC Batch: MP53897

(5) Prep QC Batch: MP53996

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW21(10.5-25.5)	Date Sampled:	07/19/10
Lab Sample ID:	JA51970-1	Date Received:	07/21/10
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Former Pratt Oil Works, Long Island City, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/27/10 18:38	NP	EPA 335.4/LACHAT

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

Client / Reporting Information		SITE NAME - FPOW		Requested Analysis (see TEST CODE sheet)										Matrix Codes		
Company Name Kleinfelder Street Address One Corporate Drive, Suite 201 City: Bohemia State: New York Zip: 11793 Project Contact John Wolf E-mail: jwolf@Kleinfelder.com Phone #: (631) 218-0612 Fax #: (631) 218-0787 Sampler(s) Name(s) Scott Strom 631 774-1590		Retail Project (MRN) E3 2007.63972 Major Project (AFE) E3 2007.63972 Project Name Former Pratt Oil Works (Parcel H) City: Long Island City State: NY ExxonMobil Manager Steve Trifiletti ExxonMobil Purchase Order # 4512298624		ExxonMobil Environmental Services Co. If Project is Direct Bill to Consultant Company Name City: State: Zip: Street Address City: State: Zip: Attention: PC#		Requested Analysis (see TEST CODE sheet) V6807TCL11 (EPA SW846 8260 TCL VOCs) V6807TCL11 (EPA SW846 8270 TCL Base Neutral and Acid Extractables) TAL METALS + CN (EPA SW846 6010/7470/7471, 7841, 8010) (EPA SW846 6012) Deleted TAL METALS + CN (EPA SW846 6010/7470/7471, 7841, 9010) (EPA SW846 9012) (Field Merger)										DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank
Field ID / Point of Collection MW21(10.5-25.5) MS-1 (MW-21) MSD-1 (MW-21)		MECH/OI Vial #	Collection Date: 7/19/10 Time: 1305 7/19/10 1305 7/19/10 1305	Sampled by SES SES SES	Matrix GW GL GL	# of bottles 73 73 73	Number of preserved bottles HCl NaOH NaNO3 HNO3 H2O2 DI Water MECH ENCORE 1 1 1 1 1 1 1 1	V6807TCL11 (EPA SW846 8260 TCL VOCs) V6807TCL11 (EPA SW846 8270 TCL Base Neutral and Acid Extractables) TAL METALS + CN (EPA SW846 6010/7470/7471, 7841, 8010) (EPA SW846 6012) Deleted TAL METALS + CN (EPA SW846 6010/7470/7471, 7841, 9010) (EPA SW846 9012) (Field Merger)	X X X X X X X X X	LAB USE ONLY EX26 MET3 WC15 2054						
Approved By (Accutest PM): / Date: ☒ Std. 19 Business Days ☐ 8 Day RUSH ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY		Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data		NYASP Category A ☒ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other _____ NYASP Category B on CD only (not paper) MS (Matrix Spike) MSD (Matrix Spike Duplicate)		Comments / Special Instructions										
Sample Custody must be documented below each time samples change possession, including courier delivery.																
Relinquished By: [Signature] Relinquished by Sampler: 3 Relinquished by: 5	Date Time: 7/21/10 1545 Date Time: 7/21/10 Date Time: 7/21/10	Received By: 1 [Signature] Received By: 3 [Signature] Received By: 5 [Signature]	Relinquished By: 2 [Signature] Relinquished By: 4 [Signature]	Date Time: 1920 7-21-10 Date Time: 7-21-10	Received By: 2 [Signature] Received By: 4 [Signature]	Custody Seal # N/A ☐ Intact ☐ Not Intact	Preserved When applicable ☒	On Ice ☒	Cooler Temp. 2.80							

JA51970: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA51970
COC

Case Number: <u>N/A</u>		CORRESPONDING		REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
SDG Number: <u>N/A</u>		NYSDEC SAMPLE #	SAMPLE TAG #	
SAS Number: <u>N/A</u>				
REMARKS:				
Custody Seal(s)	Present/Absent* <u>Absent</u> Intact/Broken	N/A		JA51970 - 1 OK 12/10
Custody Seal Numbers:	<u>NONE</u>	N/A		
Chain-of-Custody Records	Present/Absent* <u>Absent</u>	N/A		
Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* <u>N/A</u>	N/A		
Airbill	Airbill/Sticker Present/Absent* <u>N/A</u>	N/A		
Airbill No.:	<u>N/A</u>	N/A		
Sample Tags	Present/Absent* <u>N/A</u>	N/A		
Sample Tag Nos.	Listed/Not Listed on Chain-of-Custody <u>N/A</u>	N/A		
Sample Condition	Intact/Broken*/Leaking <u>N/A</u>	N/A		
Does Information in custody rec., CLSIS, & sample tags agree	Yes/No* <u>No</u>	N/A		
Date received at Lab:	<u>7/21/10</u>	N/A		
Time Received:	<u>1920</u>	N/A		
No aqueous VOC vials headspace?	Yes/No* <u>No</u>	N/A		
Are preserved voc samples fully im-d in preservative?	Yes/No* <u>N/A</u>	N/A		
Sample Transfer				
on: <u>See Internal</u>				
Chain of Custody				

JA51970: Chain of Custody
Page 2 of 3

act BTSR and attach record of resolution
ed By: _____

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



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA51970

Client:

Immediate Client Services Action Required: No

Date / Time Received: 7/21/2010

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

2

Airbill #'s:

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y or N N/A

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

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA51970: Chain of Custody

Page 3 of 3



08/06/10

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA51971

Sampling Date: 07/20/10

Report to:

Kleinfelder

jwolf@kleinfelder.com

ATTN: John Wolf

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



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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

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

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

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Sample Summary

Kleinfelder

Job No: JA51971

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA51971-1	07/20/10	00:00 SS	07/21/10	AQ	Trip Blank Water	TRIP-

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder

Job No JA51971

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

Report Date 8/6/2010 9:58:27 AM

On 07/21/2010, 0 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA51971 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: V2D3458

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA51970-1MS, JA51970-1MSD were used as the QC samples indicated.

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

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

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



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

Client Sample ID:	TRIP-	Date Sampled:	07/20/10
Lab Sample ID:	JA51971-1	Date Received:	07/21/10
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D85936.D	1	07/23/10	MH	n/a	n/a	V2D3458
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP-	Date Sampled:	07/20/10
Lab Sample ID:	JA51971-1	Date Received:	07/21/10
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		76-120%
17060-07-0	1,2-Dichloroethane-D4	89%		64-135%
2037-26-5	Toluene-D8	84%		76-117%
460-00-4	4-Bromofluorobenzene	87%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



WTD

CHAIN OF CUSTODY- ExxonMobil Projects

PAGE ___ OF ___

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

FED-EX Tracking #		Bottle Order Control #	
Accutest Quote #		Accutest Job # JA51971	
Client / Reporting Information		SITE NAME - Provide MRN for Retail or AFE for Major Projects	
Requested Analysis (see TEST CODE sheet)		Matrix Codes	
Company Name		Retail Project (MRN)	
Kleinfeider		ExxonMobil Environmental Services Co.	
Street Address		Major Project (AFE)	
One Corporate Drive, Suite 201		E3 2007 63972	
City State Zip		Project Name	
Bohemia New York 11763		Former Pratt Oil Works	
Project Contact		City State	
John Wolf		Long Island City NY	
Phone #		ExxonMobil Manager	
(631) 218-0612		Steve Trifiletti	
Sample(s) Name(s)		ExxonMobil Purchase Order #	
Sept from 631 774-1590		4512298624	
Attention:		PO#	
Turnaround Time (Business days)		Data Deliverable Information	
Comments / Special Instructions			
NYASP Category B on CD only (not paper)			
Trip includes VOC samples from the following wells: MW-20,			
MW-21, MW-10, MW-16			
taken 7-12-10 @ 10:00 AM 7/21/10			
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished by Sampler:	Date Time:	Received By:	Date Time:
1 [Signature] 7/20/10	1600	1 [Signature]	1920
Relinquished by Sampler:	Date Time:	Received By:	Date Time:
3 2010 COC GW Trip		3	
Relinquished by:	Date Time:	Received By:	Date Time:
5		5	
Custody Seal #		Intact	
N/A		Not Intact	
Preserved where applicable		Cooler Temp.	
		2.8°C	

JA51971: Chain of Custody

Page 1 of 3



Sample Log-In Summary

JA51971
COC

Lab Name: <u>ACCUTEST</u>		Page <u>1</u> of <u>1</u>	
Received by (Print Name): <u>M. CRINA</u>		Log-in Date: <u>7/21/10</u>	
Received by (Signature): <u>[Signature]</u>			
Case Number: <u>N/A</u>		CORRESPONDING	
SDG Number: <u>N/A</u>		NYSDEC SAMPLE #	SAMPLE TAG #
SAS Number: <u>N/A</u>		ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
REMARKS:			
Custody Seal(s)	Present/Absent* <u>Absent</u> Intact/Broken	N/A	JA51971-1 7B OK
Custody Seal Numbers:	<u>NONE</u>	N/A	
Chain-of-Custody Records	Present/Absent* <u>Present</u>	N/A	
Contract Lab Sample Inform. Sheet (CLIS)	Present/Absent* <u>N/A</u>	N/A	
Airbill	Airbill/Sticker Present/Absent* <u>N/A</u>	N/A	
Airbill No.:	<u>N/A</u>	N/A	
Sample Tags	Present/Absent* <u>N/A</u>	N/A	
Sample Tag Nos.	Listed/Not Listed on Chain-of-Custody <u>N/A</u>	N/A	
Sample Condition	Intact/Broken*/Leaking <u>Intact</u>	N/A	
Does Information in custody rec., CLSIS, & sample tags agree	<u>Yes</u> No*	N/A	
Date received at Lab:	<u>7/21/10</u>	N/A	
Time Received:	<u>1920</u>	N/A	
Do aqueous VOC vials headspace?	Yes No* <u>No</u>	N/A	
Are preserved voc samples fully im-d in preservative?	Yes/No* <u>N/A</u>	N/A	
Sample Transfer			
on:	<u>See Internal</u>		
	<u>Chain of Custody</u>		

JA51971: Chain of Custody
Page 2 of 3

act BTSP and attach record of resolution
ed By: _____

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



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA51971

Client:

Immediate Client Services Action Required: No

Date / Time Received: 7/21/2010

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

Airbill #'s:

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y or N N/A

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

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

JA51971: Chain of Custody

Page 3 of 3



08/09/10

Technical Report for

Kleinfelder

Former Pratt Oil Works, Long Island City, NY

PO#4512298624 WBS#08

Accutest Job Number: JA52235

Sampling Date: 07/22/10

Report to:

Kleinfelder

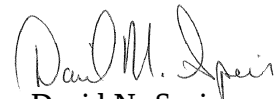
jwolf@kleinfelder.com

ATTN: John Wolf

Total number of pages in report: **10**



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


David N. Speis
VP Ops, Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

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

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

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Section 3: Sample Results 5

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Section 4: Misc. Forms 8

4.1: Chain of Custody 9



Sample Summary

Kleinfelder

Job No: JA52235

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JA52235-1	07/22/10	00:00 SS	07/23/10	AQ	Trip Blank Water	TRIP-2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kleinfelder**Job No** JA52235**Site:** Former Pratt Oil Works, Long Island City, NY**Report Date** 8/9/2010 11:36:36 AM

On 07/23/2010, 0 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 5.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA52235 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ**Batch ID:** V3B2823

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA52085-2MS, JA52085-2MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Ethylbenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- Matrix Spike Duplicate Recovery(s) for Ethylbenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

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

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

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



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

Client Sample ID:	TRIP-2	Date Sampled:	07/22/10
Lab Sample ID:	JA52235-1	Date Received:	07/23/10
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B60490.D	1	07/29/10	JTP	n/a	n/a	V3B2823
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.74	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
110-82-7	Cyclohexane	ND	5.0	1.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	94	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.38	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP-2	Date Sampled:	07/22/10
Lab Sample ID:	JA52235-1	Date Received:	07/23/10
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Former Pratt Oil Works, Long Island City, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.5	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.35	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	106%		64-135%
2037-26-5	Toluene-D8	109%		76-117%
460-00-4	4-Bromofluorobenzene	103%		72-122%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JA52235

[illegible]

JA52235: Chain of Custody

Page 1 of 2



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA52235

Client:

Immediate Client Services Action Required: No

Date / Time Received: 7/23/2010

Delivery Method:

Client Service Action Required at Login: No

Project:

No. Coolers:

1

Airbill #'s:

Cooler Security

Y or N

Y or N

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

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

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

Sample Integrity - Instructions

Y or N N/A

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

Comments

Accutest Laboratories
V: 732.329.0200

2235 US Highway 130
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Dayton, New Jersey
www.accutest.com

JA52235: Chain of Custody

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