

ExxonMobil
Environmental Services Company
38 Varick Street
Brooklyn, NY 11222
718.404.0652 Telephone
718.404.0681 Facsimile

Frank J. Messina
U.S. Project Execution - North



May 11, 2018

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Section C
Remedial Bureau B
625 Broadway 12th Floor
Albany, New York 112233-7013

Attention: Mr. John Grathwol

Re: Site Status Update Report
January through March 2018
Former Pratt Oil Works
Long Island City, New York
Consent Order Case No. D2-1002-12-07AM-2
NYSDEC Site No. S241115

Dear Mr. Grathwol:

Enclosed is the Site Status Update Report (SSUR) for the Former Pratt Oil Works site located in Long Island City, New York. This report summarizes the quarterly progress completed during the period from January through March 2018. This report has been prepared in accordance with the Investigation Consent Order between the State of New York and ExxonMobil, filed on July 15, 2008 (D2-1002-12-07AM), and the Remedial Consent Order between the State of New York and ExxonMobil, filed on April 12, 2016 (D2-1002-12-07AM-2). This report has been prepared by Roux Environmental Engineering and Geology, D.P.C. on behalf of ExxonMobil.

Should there be any questions or comments on this submission, please do not hesitate to contact me at (718) 404-0652.

Sincerely,

A handwritten signature in black ink, appearing to be "FM", with a horizontal line extending to the right.

Frank J. Messina
Project Manager

Attachment

cc: Livio Forte, A&L Cesspool Ser./Co. (Electronic File Only)
Donald Goebel, DG Properties, LLC (Electronic File Only)
Jay Kaplan, Waste Management of New York, LLC (Electronic File Only)
Peter Keane, Keane Realty, LLC (Electronic File Only)
Peter Kuzma, Papatoba Corp. (Electronic File Only)
Kevin Lumpe, Steel Equities (Electronic File Only)
Haim Marcovici, Review Associates, LLC (Electronic File Only)
Elias Marcovici, Blake Partners, LLC. (Electronic File Only)
Sharon Morgan, Fox Rothschild, LLP (Electronic File Only)
Nick Sherman, HP Sherman Co. Inc. (Electronic File Only)
Gretchen Werwaiss, Werwaiss Realty Co. (Electronic File Only)
Thalassa Sodre, Roux Environmental Engineering and Geology, D.P.C. (Electronic File Only)



Site Status Update Report

January through March 2018

ExxonMobil Former Pratt Oil Works (FPOW)
Long Island City, Queens, New York

May 11, 2018

Consent Order Case No. D2-1002-12-07AM-2

NYSDEC Site No. S241115

<u>Parcel</u>	<u>NYSDEC Case Number</u>
A	07-07418
B	08-13060
C	07-07417
D	09-04539
E	09-03356
F	12-02509
G	09-03488
H	09-03616
I	09-03287

Prepared for:

ExxonMobil Oil Corporation

38 Varick Street
Brooklyn, New York

Prepared by:

**Roux Environmental Engineering
and Geology, D.P.C.**

209 Shafter Street
Islandia, New York 11749

Table of Contents

1. Introduction	1
2. Site and IRM Descriptions.....	2
2.1 Site Description	2
2.2 IRM Descriptions	3
3. Remedial and O&M Activities Summary.....	4
3.1 IRM System Performance and LNAPL Recovery.....	4
3.2 Monitoring Well LNAPL Recovery	5
3.3 Remedial Activities	6
4. Other Non-Consent Order Related Activities	7
5. Groundwater Monitoring	8
5.1 Groundwater Monitoring	8
6. Summary of Activities for This Reporting Period and Anticipated Site-Wide Activities for the Next Reporting Period	10

Tables

1. Summary of IRM LNAPL Recovery (*embedded*)
2. Summary of Spill Buddy LNAPL Recovery (*embedded*)
3. LNAPL Recovery for All Monitoring Wells
4. Monitoring Well Gauging Data

Figures

1. Site Location Map
2. Monitoring Well Hydrograph for MW-42
3. Monitoring Well Hydrograph for MW-48D
4. Monitoring Well Hydrograph for MW-49M
5. Monitoring Well Hydrograph for MW-50

Appendices

- A. Absorbent Boom Photographs
- B. LNAPL Transport Documentation

Plates

1. Site Plan
2. Groundwater Elevations and Apparent LNAPL Thickness February 27, 2018

List of Acronyms

AST	Aboveground Storage Tank
FPOW	Former Pratt Oil Works
GWE	Groundwater Elevation
IRM	Interim Remedial Measure
LNAPL	Light Non-Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
O&M	Operations and Maintenance
PVC	Polyvinyl Chloride
SSUR	Site Status Update Report

1. Introduction

This Site Status Update Report (SSUR) presents a summary of activities performed by Roux Environmental Engineering and Geology, D.P.C. (Roux) for ExxonMobil Environmental Services Company, on behalf of ExxonMobil Oil Corporation (collectively, ExxonMobil), as part of the ExxonMobil Former Pratt Oil Works (FPOW) Project during the months of January, February, and March 2018. The site, as defined in the Remedial Consent Order (Case No. D2-1002-12-07AM-2) between the State of New York and ExxonMobil filed on April 12, 2016 (Remedial Consent Order), is shown on Figure 1 (Site). Previously, ExxonMobil voluntarily entered into an Investigation Consent Order with the State of New York on July 15, 2008 (Case No. D2-1002-12-07AM) to complete investigation activities within the Upland and Waterfront project areas, known as Tracts I and II, respectively (hereby referred to in this SSUR as the “Former Site boundary”), and to perform interim remedial measures (IRMs), as necessary, based on the results of the investigations. The activities described in this SSUR were conducted in accordance with the Remedial Consent Order and the Investigation Consent Order.

This SSUR describes the IRMs, operations and maintenance (O&M) activities, and groundwater monitoring activities completed from January 1, 2018 through March 31, 2018 at the Site, as well as anticipated goals and activities planned for the next reporting period. This SSUR is separated into the following sections:

- Section 2.0: Provides a description of the Site and IRMs;
- Section 3.0: Provides a summary of the IRM light non-aqueous phase liquid (LNAPL) recovery and O&M activities;
- Section 4.0: Provides a summary of non-consent order related activities;
- Section 5.0: Provides a summary of the groundwater monitoring activities; and
- Section 6.0: Provides a summary of the activities completed during this reporting period and presents a summary of goals and potential activities that are anticipated for the next reporting period.

Tables, figures, appendices, and plates documenting and summarizing the activities are attached at the end of this SSUR.

2. Site and IRM Descriptions

The following sections describe the FPOW Site and IRMs operating within the Site.

2.1 Site Description

The Site is a former wax refinery that was operated by a predecessor of ExxonMobil from approximately 1892 to 1949, in the Long Island City section of Queens, New York (Figure 1). The Site covers an area of approximately 18 acres and is located within a major industrial sector. The Site currently consists of 13 lots along Review Avenue and Railroad Avenue, and is divided into 10 parcels (designated “A” through “K”) based on property owner (Plate 1). Please note that the property located at 38-40 Railroad Avenue (Parcel A – Block 312, Lot 1367) was sold to Forte Brothers Realty LLC by Waste Management of New York, LLC on September 26, 2016, and, therefore, does not have its own, separate parcel designation. Although Parcel J, as identified in Plate 1, was included in the Former Site boundary, it is not included in the Site boundary as defined by the Remedial Consent Order. In addition, the Long Island Rail Road, which runs through the Site and was previously excluded from the Former Site boundary, is now incorporated into the Site as defined by the Remedial Consent Order. ExxonMobil has not owned any of the properties within the Site for approximately 65 years. The Site is bordered by Review Avenue and First Calvary Cemetery (north); Newtown Creek (south); Parcel J (currently being used as a warehouse) and Quanta Resources State Superfund Site (northwest); asphalt recycling and manufacturing facility (southwest); and a former concrete facility (east).

Current uses of the properties within the Site include, but are not limited to, the following: The City of New York Department of Sanitation waste transfer station, warehouse and/or office space, vehicle storage, cesspool services, valve manufacturing, lumber and building materials distributor, commercial refrigeration supply distributor, and cleaning products manufacturing. The current parcel addresses and Block/Lot numbers are as follows:

Parcel	Address	Block/Lot
Parcel A	38-34 Review Avenue 38-40 Railroad Avenue	312 / 300 312 / 1367
Parcel B	38-42 Review Avenue 39-14 Review Avenue	312 / 309 312 / 315
Parcel C	38-70 Review Avenue	312 / 348
Parcel D	38-84 Railroad Avenue	312 / 1362
Parcel E	38-50 Review Avenue 38-54 Railroad Avenue	312 / 362 312 / 500
Parcel F	38-98 Review Avenue	312 / 343
Parcel G	38-78 Review Avenue	312 / 349
Parcel H	39-30 Review Avenue	312 / 330
Parcel I	38-20 Review Avenue	312 / 89
Parcel K	38-60 Review Avenue	312 / 350

2.2 IRM Descriptions

This section provides a description of the IRMs currently being conducted at the Site. A summary of the O&M and performance of these IRMs is provided in Section 3.0.

Spill Buster™ Systems

There are currently four LNAPL recovery IRM systems. These IRM systems are located at monitoring wells MW-5 (Parcel A), MW-9 (Parcel B), MW-14 (Parcel D), and MW-24 (Parcel D). They each consist of an LNAPL skimmer system (Clean Earth Magnum Spill Buster™), 250-gallon above-ground LNAPL storage tank (Lube Cube AST), and auto-dialer. The location of each LNAPL IRM is shown on Plate 1.

Additional LNAPL Recovery Methods

Representative monitoring wells within the Site were gauged on a weekly basis and LNAPL observed at a thickness greater than approximately one foot was removed using a hand-held, portable LNAPL skimming tool (Clean Earth Spill Buddy). Passive, non-disposable bailers (Geotech Product Recovery Canister Passive Skimmer) previously installed at monitoring wells MW-2, MW-16, MW-22, MW-54, and MW-56 were removed this quarter in favor of manual bailing and absorbent socks. Absorbent socks were installed in monitoring wells observed with LNAPL thicknesses too low to be recovered using the Spill Buddy and passive bailer.

Bulkhead Sheen Area

In response to a sheen observed on Newtown Creek in the vicinity of Parcels A and B on April 7, 2011, approximately 85 feet of 24-inch high polyvinyl chloride (PVC) belted black boom (hard boom) and 30 feet of absorbent boom were voluntarily installed. The absorbent boom continues to be inspected on a weekly basis and replaced, as necessary.

On November 12, 2016, a separate and unconnected sheen was observed emanating from the timber bulkhead along Parcel A, west of the original sheen identified above. ExxonMobil became aware of this on November 14, 2016 and initiated an immediate, voluntary, and proactive response to contain and address the sheen with plastic temporary boom and absorbent boom. ExxonMobil voluntarily addressed the sheen in a good faith effort to mitigate its potential effect, if any. The source of the sheen is currently unclear. The plastic temporary boom was replaced with approximately 300 feet of 24-inch PVC hard boom on February 6, 2017. The absorbent boom is inspected on a weekly basis and replaced, as needed.

The approximate locations of both PVC hard boom areas within the vicinity of Parcel A and Parcel B are shown on Plate 1. Photographic documentation of the inspections is provided in Appendix A.

3. Remedial and O&M Activities Summary

The following section summarizes and describes IRM operations, maintenance, and monitoring activities completed during this reporting period. In addition, a summary of the on-going feasibility study, pre-design, and remedial planning for the project is summarized.

3.1 IRM System Performance and LNAPL Recovery

As part of the O&M activities, the Spill Buster™ IRM performance is monitored on a continual basis. The combined volume of LNAPL recovered from the Spill Buster™ IRMs during the reporting period is approximately 2,795 gallons, as shown in Table 1 below. A brief summary of the system performance and LNAPL recovery for each IRM follows.

MW-5 IRM

The Spill Buster™ IRM located at MW-5 was operational during the reporting period, with the exception of nine days to facilitate transmissivity testing (discussed in Section 3.3) and seven days to reconcile electrical issues. The IRM located at MW-5 recovered a total of approximately 1,140 gallons of LNAPL (average 16 gallons per day).

MW-9 IRM

The Spill Buster™ IRM located at MW-9 was operational during the reporting period with the exception of 11 days to facilitate transmissivity testing further discussed in Section 3.3. The IRM located at MW-9 recovered a total of approximately 1,318 gallons of LNAPL (average 17 gallons per day).

MW-14 IRM

The Spill Buster™ IRM located at MW-14 was operational during the reporting period with the exception of 12 days to facilitate transmissivity testing further discussed in Section 3.3. The IRM located at MW-24 recovered a total of approximately 96 gallons of LNAPL (average one gallon per day).

MW-24 IRM

The Spill Buster™ IRM located at MW-24 was operational during the reporting period with the exception of 12 days to facilitate transmissivity testing further discussed in Section 3.4. The IRM located at MW-24 recovered a total of approximately 241 gallons of LNAPL (average three gallons per day).

The combined volume of LNAPL recovered from the Spill Buster™ IRMs since start-up in 2012 is approximately 98,459 gallons.

TABLE 1: SUMMARY OF IRM LNAPL RECOVERY		
Monitoring Well ID	January to March LNAPL Recovery (gallons)	Cumulative LNAPL Recovery (gallons)
MW-5	1,140	25,160
MW-9	1,318	45,248
MW-14	96	858
MW-24	241	27,193
IRM Total	2,795	98,459

Recovered LNAPL was temporarily stored in ASTs within the IRM compounds, and then transported off-Site by Auchter Industrial Vac Services, Inc. (Auchter) of Linden, New Jersey, via vacuum truck, to 400 Kingsland Avenue prior to being transported to New Jersey for recycling. Auchter conducted pump-outs on January 3, January 8, January 15, January 22, January 29, February 5, February 12, February 19, February 26, March 5, March 12, and March 19. Documentation from the LNAPL transport by Auchter is provided in Appendix B.

3.2 Monitoring Well LNAPL Recovery

As previously discussed, select monitoring wells within the Site were gauged on a weekly basis and LNAPL observed greater than approximately one foot was removed using a hand-held, portable LNAPL skimming tool (Clean Earth Spill Buddy) or peristaltic pump fitted with polyethylene tubing. As shown below on Table 2, a total of approximately 565 gallons of LNAPL was recovered from monitoring wells MW-42, MW-48D, MW-49S, MW-49M, MW-50, MW-55, MW-57, and MW-61 using the Spill Buddy during this reporting period. In addition, approximately one gallon of LNAPL was recovered from piezometer well PZ-6 using a peristaltic pump during the reporting period months of January, February, and March 2018. The PZ wells are 1-inch PVC wells that were previously installed to monitor the installation of the grout wall, and are further described in the Barrier Wall Phase II Construction Completion Report (Roux, 2016). These narrow monitoring points will be replaced with 4-inch monitoring points in the second quarter of 2018, in an effort to further monitor/purge LNAPL, where present.

TABLE 2: SUMMARY OF SPILL BUDDY RECOVERY		
Monitoring Well ID	January to March 2018 LNAPL Recovery (gallons)	Cumulative LNAPL Recovery (gallons)
MW-42	203	3,434
MW-48D	95	2,558
MW-49S	7	56
MW-49M	117	1,955
MW-50	106	1,514
MW-55	15	486
MW-57	19	409
MW-61	5	95
Total	565	10,506

Hydrographs were prepared for the four monitoring wells that account for approximately 92 percent of this reporting period's recovery and more than half of the cumulative LNAPL recovery at the Site (not including the IRMs). These figures (2 through 5) show historic groundwater elevations (GWE), apparent LNAPL thicknesses, and cumulative LNAPL recovery for monitoring wells MW-42, MW-48D, MW-49M, and MW-50. LNAPL recovery at these wells remains generally consistent since recovery efforts began in 2012.

Recovered LNAPL from monitoring wells was temporarily stored within the IRM compounds in 55-gallon drums, and then transported off-Site by Auchter, via vacuum truck, to 400 Kingsland Avenue for recycling in concurrence with pump-out events performed from the ASTs in the IRM compounds as noted above. Documentation from the LNAPL transport by Auchter is provided in Appendix B.

Passive skimmers previously installed in monitoring wells MW-2, MW-16, MW-22, MW-54, and MW-56 were removed this reporting period in favor of manual bailing and absorbent socks. Absorbent socks were installed in a portion of the monitoring wells observed with LNAPL thicknesses too low to be recovered using the Spill Buddy. The socks were inspected on a regular basis and replaced as necessary. Absorbent socks were placed in the following monitoring wells during this reporting period: MW-5S, MW-12R, MW-16, MW-19, MW-22, MW-27, MW-30, MW-33, MW-48S, MW-56, MW-58, MW-60S, MW-67, and MW-68. Approximately seven gallons of LNAPL was recovered from these monitoring wells with absorbent socks during this reporting period.

A summary of monitoring well LNAPL recovery to date is provided in Table 3. The total cumulative LNAPL recovery for all monitoring wells, since recovery efforts began in 2009, is approximately 110,769 gallons.

3.3 Remedial Activities

In addition to the on-going O&M and monitoring activities, ExxonMobil is progressing the overall plans for the remedial approach to the Site and intends to implement remedial measures upon approval from the New York State Department of Environmental Conservation (NYSDEC). ExxonMobil submitted the draft Remedial Work Plan: Feasibility Study Report to the NYSDEC on July 21, 2017 to address NYSDEC comments previously provided, and awaits further direction from the NYSDEC. The NYSDEC accepted written comments from the public on the Remedial Work Plan: Feasibility Study Report from July 21, 2017 through September 5, 2017. The Decision Document is anticipated to be submitted by the NYSDEC during the second quarter of 2018, following the conductance of a public availability session currently scheduled on May 24, 2018.

In accordance with NYSDEC approval received on January 25, 2018 via email correspondence, LNAPL transmissivity testing was conducted in an effort to further identify and define areas potentially suitable for additional LNAPL recovery efforts and to supplement and update existing transmissivity data. According to the Interstate Technology and Regulatory Council¹, LNAPL transmissivity is directly proportional to LNAPL recoverability. LNAPL transmissivity testing and sampling was performed at monitoring wells MW-5, MW-9, MW-14, MW-24, and MW-57. The remaining five wells, MW-42, MW-48D, MW-49M, MW50, and MW-65, will be tested during the first week of April. The results of the LNAPL transmissivity testing will be incorporated into a Remedial Action Work Plan. In accordance with NYSDEC approval received on January 25, 2018 via email correspondence, the Remedial Action Work Plan will be submitted to the NYSDEC within 60 days following the receipt of the final LNAPL transmissivity sampling results.

¹ The Interstate Technology and Regulatory Council is a public and private organization that produces documents and trainings to broaden and deepen technical knowledge on environmental issues while expediting regulatory acceptance of innovative technologies and methods.

4. Other Non-Consent Order Related Activities

The absorbent boom voluntarily installed in the vicinity of Parcels A and B along Newtown Creek in April 2011, as described above in Section 2.2, was inspected on a weekly basis and replaced bi-weekly during this reporting period, with a few exceptions due to inaccessibility caused by adverse weather conditions. Photographic documentation of the inspections is provided in Appendix A. There were minimal sheens observed within this area during the inspections for this reporting period. The boom area appears to be providing containment and recovery. The boom area will continue to be inspected on a weekly basis.

The absorbent boom voluntarily installed along Parcel A in February 2017, associated with the sheen initially observed on November 12, 2016, also described above in Section 2.2, was inspected and replaced weekly during this reporting period, with a few exceptions due to inaccessibility caused by adverse weather conditions. Updates on this area, including photographs, were provided, and will continue to be provided, to the NYSDEC via email on a bi-weekly basis. Inspections and absorbent boom replacement will continue as needed. Although the source of the sheen remains unclear and is observed sporadically, the hard boom and absorbent boom are providing containment and recovery. During the second quarter of 2018, a section of steel sheet bulkhead is anticipated to be installed along Parcel A. This new section of the bulkhead will connect the existing steel bulkhead that exists along Parcel A and Parcel B, so that there will be steel bulkhead present along the entire shoreline of the Site. This work is being conducted outside of the Investigation Consent Order and Remediation Consent Order.

5. Groundwater Monitoring

This section provides a description of Site-wide groundwater monitoring performed during this reporting period. This work included monitoring well gauging for water level and LNAPL thickness.

The methods and results of these activities are described below.

5.1 Groundwater Monitoring

Roux collected Site-wide, fluid-level measurements on February 27, 2018 using an electronic interface probe in an attempt to characterize groundwater flow and potential LNAPL conditions. Fluid-level data collected on February 27, 2018 are provided in Table 4. These data were used to update the GWE contour map (Plate 2). As proposed in the last SSUR, GWE contour maps will no longer display bulkhead well gauging results as they are not representative of regional aquifer groundwater elevations.

A total of 57 of the 62 on-Site monitoring wells, and all 12 bulkhead wells were gauged for groundwater elevation and LNAPL thickness. Note that all of these wells are on third-party owned properties. Monitoring well MW-1 was flooded, MW-31 was covered by pallets, and MW-48S and MW-48D were covered by a truck. Parcel F has no current access agreement during this reporting period and, as such, MW-68 could not be gauged; access negotiations are on-going with the Parcel F property owner. In addition, LNAPL was identified in monitoring well MW-60S, but groundwater was not detected. A summary of the monitoring wells that were not accessible is provided in Table 4.

Each quarter, measurements are taken to assess any potential changes in average GWE and apparent LNAPL thickness. GWE was calculated using the monitoring well top of casing elevation and depth to water detected in the monitoring well. For monitoring wells with LNAPL, the GWE was corrected using the apparent LNAPL thickness and specific gravity. Below is an evaluation of the fluid levels across the Site during the reporting period.

Based on a review of the existing soil boring logs, fluid elevations, and historic tidal surveys, a distinct low permeability hydrogeologic layer has been identified that is located along the shoreline extending into Parcels A and B. The areal extent of this layer is assumed to be associated with an intertidal zone that historically existed along Newtown Creek prior to industrial development. There are many monitoring wells that are screened above the intertidal deposits and, therefore, the water elevation measured in these monitoring wells is indicative of shallow unconfined conditions and not the regional unconfined/semi-confined aquifer. GWEs obtained from monitoring wells that are not screened in the regional aquifer were not considered for purposes of illustrating the regional groundwater flow field presented on Plate 2. The shallow water-bearing zone demonstrates higher GWEs and typically has relatively thinner apparent LNAPL thicknesses. The general groundwater flow direction within the regional aquifer is towards the south. A more detailed summary of these hydrogeologic conditions is provided in the Remedial Work Plan: Feasibility Study Report submitted to the NYSDEC on July 21, 2017.

Of the 57 monitoring wells gauged during this reporting period, 30 had detections of LNAPL, with the apparent LNAPL thicknesses ranging from approximately 0.01 feet (MW-12R and MW-27) to approximately 11.58 feet (MW-42). It should be noted that some monitoring wells (e.g., MW-42 and MW-49M) are under semi-confined conditions and, as such, the LNAPL thicknesses observed in those monitoring wells are not representative of thickness in the surrounding formation and have exaggerated thicknesses of LNAPL. Regional aquifer GWE ranged from approximately -1.25 feet to approximately 6.74 feet relative to North American Vertical Datum of 1988 in monitoring wells MW-49D and MW-56, respectively. Monitoring wells that do not correspond to the regional aquifer were not considered. As shown on Plate 2, while there may be subtle variations, groundwater flow across the Site is generally south.

6. Summary of Activities for This Reporting Period and Anticipated Site-Wide Activities for the Next Reporting Period

The following section summarizes the key IRM, O&M, and groundwater monitoring activities completed from January through March 2018 at the Site, as well as anticipated activities planned for the next reporting period (April 1, 2018 through June 30, 2018).

The following items were completed during this reporting period:

- Continued O&M activities at the IRMs, including, but not limited to, tracking and optimization of Spill Buster™ LNAPL recovery, and adjustment and maintenance of associated equipment;
- Manual LNAPL recovery at monitoring wells on a weekly basis using a hand-held Spill Buddy and traditional bailers;
- Inspection and re-installation of absorbent socks (if necessary) in monitoring wells with LNAPL thicknesses too low to recover with the Spill Buddy;
- Bulkhead absorbent boom inspections and replacement, to the extent necessary;
- LNAPL transmissivity tests at select wells across the Site; and
- Collection of fluid-level measurements from the Site monitoring wells.

The following items are on-going, Site-wide activities that are anticipated to occur during the next reporting period:

- Continued O&M activities at the IRMs, including, but not limited to, tracking and optimization of Spill Buster™ LNAPL recovery, and adjustment and maintenance of associated equipment;
- Manual LNAPL recovery at monitoring wells on a weekly basis using a hand-held Spill Buddy and traditional bailers;
- Inspection and re-installation of absorbent socks (if necessary) in monitoring wells with LNAPL thicknesses too low to recover with the Spill Buddy;
- Bulkhead absorbent boom inspections and replacement, to the extent necessary;
- Collection of fluid-level measurements from the Site monitoring wells;
- Groundwater sampling of the Site monitoring wells for volatile organic compounds, semivolatile organic compounds, and metals; and
- Completion of LNAPL transmissivity tests at select wells across the Site.

On behalf of ExxonMobil, Roux will continue to pursue the overall project goals of the Site and inform the NYSDEC of completed and upcoming activities pursuant to the requirements of the Remedial Consent Order and Investigation Consent Order.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Thalassa Sodre
Project Engineer/
Project Manager



Christopher Proce
Vice President/
Principal Hydrogeologist, PG (NY), CSP

TABLES

1. Summary of IRM LNAPL Recovery (embedded)
2. Summary of Spill Buddy LNAPL Recovery (embedded)
3. LNAPL Recovery for All Monitoring Wells
4. Monitoring Well Gauging Data

Table 3

**LNAPL Recovery for All Monitoring Wells
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York**

MW ID	Cumulative Recovery (gallons)
MW-2	26
MW-4S	430
MW-5	25,160
MW-6	71
MW-7	19
MW-9	45,248
MW-12R	1
MW-14	858
MW-16	79
MW-17	238
MW-18	18
MW-19	28
MW-22	2
MW-23	219
MW-24	27,193
MW-27	4
MW-28	7
MW-29	1
MW-30	66
MW-31	1
MW-32	2
MW-33	77
MW-42	3,434
MW-48S	2
MW-48D	2,558
MW-49S	56
MW-49M	1,955
MW-49D	12
MW-50	1,514
MW-54	42
MW-55	486
MW-56	15
MW-57	409
MW-58	1
MW-61	95
MW-64	130
MW-65	186
MW-66	116
MW-67	4
MW-68	9

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-1	7-Apr-09	ND	9.51	--	13.49	3.98	
MW-1	17-Apr-09	ND	9.43	--	13.49	4.06	
MW-1	29-Jul-09	ND	8.56	--	13.49	4.93	
MW-1	26-Oct-09	ND	8.08	--	13.49	5.41	
MW-1	22-Jan-10	ND	8.36	--	13.49	5.13	
MW-1	21-Apr-10	ND	8.3	--	13.49	5.19	
MW-1	19-Jul-10	ND	8.11	--	13.49	5.38	
MW-1	15-Oct-10	ND	7.69	--	13.49	5.80	
MW-1	11-Jan-11	ND	10.74	--	13.49	2.75	
MW-1	25-Apr-11	ND	9.81	--	13.49	3.68	
MW-1	22-Jul-11	ND	10.55	--	13.49	2.94	
MW-1	18-Oct-11	ND	10.03	--	13.49	3.46	
MW-1	16-Jan-12	ND	10.42	--	13.49	3.07	
MW-1	12-Apr-12	ND	11.11	--	13.49	2.38	
MW-1	11-Jul-12	ND	10.26	--	13.49	3.23	
MW-1	23-Oct-12	ND	10.6	--	13.49	2.89	
MW-1	18-Jan-13	ND	10.86	--	13.49	2.63	
MW-1	18-Apr-13	ND	10.88	--	13.49	2.61	
MW-1	15-Jul-13	ND	10.49	--	13.49	3.00	
MW-1	28-Oct-13	NM	NM	NM	13.49	NM	Well inaccessible
MW-1	27-Jan-14	NM	NM	NM	13.49	NM	Well inaccessible
MW-1	7-Apr-14	NM	NM	NM	13.49	NM	Unable to locate
MW-1	18-Jul-14	NM	NM	NM	13.49	NM	Well inaccessible
MW-1	15-Oct-14	NM	NM	NM	13.49	NM	Under asphalt
MW-1	4-Feb-15	NM	NM	NM	13.49	NM	Unable to locate
MW-1	29-Apr-15	NM	NM	NM	13.49	NM	Unable to locate
MW-1	14-Jul-15	NM	NM	NM	12.54	NM	Unable to locate
MW-1	13-Oct-15	ND	8.9	--	12.54	3.64	
MW-1	9-Nov-15	ND	9.97	--	12.54	2.57	
MW-1	4-Feb-16	ND	9.68	--	12.54	2.86	
MW-1	11-May-16	ND	9.78	--	12.54	2.76	
MW-1	23-Aug-16	ND	9.91	--	12.54	2.63	
MW-1	10-Nov-16	ND	9.52	--	12.54	3.02	
MW-1	24-Feb-17	ND	9.73	--	12.54	2.81	
MW-1	1-May-17	ND	9.27	--	12.54	3.27	
MW-1	14-Aug-17	ND	9.15	--	12.54	3.39	
MW-1	14-Nov-17	ND	9.76	--	12.54	2.78	
MW-1	27-Feb-18	NM	NM	NM	12.54	NM	Flooded
MW-2	7-Apr-09	ND	5.45	--	6.56	1.11	
MW-2	17-Apr-09	7.72	7.81	0.09	6.56	-1.17	
MW-2	29-Jul-09	7.78	8.88	1.10	6.56	-1.32	
MW-2	26-Oct-09	6.72	8.09	1.37	6.56	-0.29	
MW-2	22-Jan-10	8.19	9.93	1.74	6.56	-1.80	
MW-2	21-Apr-10	7.54	8.04	0.50	6.56	-1.03	
MW-2	19-Jul-10	7.49	7.73	0.24	6.56	-0.95	
MW-2	15-Oct-10	7.13	7.57	0.44	6.56	-0.61	
MW-2	11-Jan-11	6.86	7.18	0.32	6.56	-0.33	
MW-2	25-Apr-11	7.90	8.1	0.20	6.56	-1.36	
MW-2	22-Jul-11	7.84	7.99	0.15	6.56	-1.29	
MW-2	18-Oct-11	7.05	7.19	0.14	6.56	-0.50	
MW-2	16-Jan-12	7.88	8	0.12	6.56	-1.33	
MW-2	12-Apr-12	7.80	7.87	0.07	6.56	-1.25	
MW-2	11-Jul-12	7.75	8.05	0.30	6.56	-1.22	
MW-2	23-Oct-12	6.55	6.69	0.14	6.56	0.00	
MW-2	18-Jan-13	7.70	7.8	0.10	6.56	-1.15	
MW-2	18-Apr-13	7.84	8.02	0.18	6.56	-1.30	
MW-2	15-Jul-13	8.12	8.31	0.19	6.56	-1.58	
MW-2	28-Oct-13	7.38	7.58	0.20	6.56	-0.84	
MW-2	27-Jan-14	NM	NM	NM	6.56	NM	Well inaccessible
MW-2	7-Apr-14	7.65	7.84	0.19	6.56	-1.11	
MW-2	18-Jul-14	8.20	8.4	0.20	6.56	-1.66	
MW-2	15-Oct-14	NM	NM	NM	6.56	NM	Under asphalt
MW-2	4-Feb-15	NM	NM	NM	6.56	NM	Unable to locate
MW-2	29-Apr-15	11.01	11.5	0.49	NM	NM	Top of casing not measured

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-2	14-Jul-15	11.12	11.57	0.45	10.24	-0.92	Well damaged
MW-2	13-Oct-15	NM	NM	NM	10.24	NM	Under asphalt
MW-2	9-Nov-15	NM	NM	NM	10.24	NM	Under asphalt
MW-2	4-Feb-16	NM	NM	NM	10.24	NM	Flooded
MW-2	11-May-16	12.71	12.72	0.01	10.24	-2.47	
MW-2	23-Aug-16	14.19	15.35	1.16	10.24	-4.06	
MW-2	10-Nov-16	12.49	14.55	2.06	10.24	-2.45	
MW-2	24-Feb-17	11.88	13	1.12	10.24	-1.75	
MW-2	1-May-17	13.78	14.56	0.78	10.24	-3.61	
MW-2	14-Aug-17	12.69	13.61	0.92	10.24	-2.54	
MW-2	14-Nov-17	10.95	12.6	1.65	10.24	-0.87	
MW-2	27-Feb-18	11.13	11.19	0.06	10.24	-0.90	
MW-3	7-Apr-09	NM	NM	NM	7.95	NM	
MW-3	17-Apr-09	NM	NM	NM	7.95	NM	
MW-3	29-Jul-09	NM	NM	NM	7.95	NM	
MW-3	26-Oct-09	8.15	9.7	1.55	7.95	-0.27	
MW-3	22-Jan-10	8.20	8.22	0.02	7.95	-0.25	
MW-3	21-Apr-10	8.95	9.05	0.10	7.95	-1.00	
MW-3	19-Jul-10	8.80	9.55	0.75	7.95	-0.88	
MW-3	15-Oct-10	7.55	11.04	3.49	7.95	0.25	
MW-3	11-Jan-11	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	25-Apr-11	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	22-Jul-11	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	18-Oct-11	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	16-Jan-12	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	12-Apr-12	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	11-Jul-12	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	23-Oct-12	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	18-Jan-13	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	18-Apr-13	NM	NM	NM	7.95	NM	Unable to open
MW-3	15-Jul-13	5.60	8.75	3.15	7.95	2.22	
MW-3	28-Oct-13	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	27-Jan-14	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	7-Apr-14	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	18-Jul-14	NM	NM	NM	7.95	NM	LNAPL too viscous
MW-3	15-Oct-14	NM	NM	NM	7.95	NM	Under asphalt
MW-3	4-Feb-15	NM	NM	NM	7.95	NM	Well removed by WM
MW-4	7-Apr-09	6.59	9.65	3.06	8.87	1.92	
MW-4	17-Apr-09	6.52	11.55	5.03	8.87	1.76	
MW-4	29-Jul-09	6.00	10.95	4.95	8.87	2.29	Well abandoned
MW-4D	26-Oct-09	ND	6.95	--	8.57	1.62	
MW-4D	22-Jan-10	ND	7.72	--	8.57	0.85	
MW-4D	21-Apr-10	ND	6.71	--	8.57	1.86	
MW-4D	19-Jul-10	ND	7.09	--	8.57	1.48	
MW-4D	15-Oct-10	ND	6.41	--	8.57	2.16	
MW-4D	11-Jan-11	ND	8.42	--	8.57	0.15	
MW-4D	25-Apr-11	ND	7.51	--	8.57	1.06	
MW-4D	22-Jul-11	ND	7.68	--	8.57	0.89	
MW-4D	18-Oct-11	ND	6.5	--	8.57	2.07	
MW-4D	16-Jan-12	ND	7.85	--	8.57	0.72	
MW-4D	12-Apr-12	ND	8.46	--	8.57	0.11	
MW-4D	11-Jul-12	ND	7.66	--	8.57	0.91	
MW-4D	23-Oct-12	ND	7.7	--	8.57	0.87	
MW-4D	18-Jan-13	ND	8.43	--	8.57	0.14	
MW-4D	18-Apr-13	ND	8.36	--	8.57	0.21	
MW-4D	15-Jul-13	ND	7.88	--	8.57	0.69	
MW-4D	28-Oct-13	ND	8.89	--	8.57	-0.32	
MW-4D	27-Jan-14	ND	8.19	--	8.57	0.38	
MW-4D	7-Apr-14	ND	7.85	--	8.57	0.72	
MW-4D	18-Jul-14	ND	7.4	--	8.57	1.17	
MW-4D	15-Oct-14	ND	8.1	--	8.57	0.47	
MW-4D	4-Feb-15	NM	NM	NM	8.57	NM	Submerged in water

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-4D	29-Apr-15	ND	7.61	--	8.57	0.96	
MW-4D	14-Jul-15	ND	9.32	--	11.32	2.00	
MW-4D	13-Oct-15	NM	NM	NM	11.32	NM	Under vehicle
MW-4D	9-Nov-15	ND	10.88	--	11.32	0.44	
MW-4D	5-Feb-16	ND	10.39	--	11.32	0.93	
MW-4D	11-May-16	ND	11.75	--	11.32	-0.43	
MW-4D	23-Aug-16	ND	10.83	--	11.32	0.49	
MW-4D	10-Nov-16	ND	10.58	--	11.32	0.74	
MW-4D	24-Feb-17	NM	NM	NM	11.32	NM	Under vehicle
MW-4D	1-May-17	ND	10.25	--	11.32	1.07	
MW-4D	14-Aug-17	ND	9.69	--	11.32	1.63	
MW-4D	14-Nov-17	ND	10.48	--	11.32	0.84	
MW-4D	27-Feb-18	ND	10.09	--	11.32	1.23	
MW-4S	26-Oct-09	6.31	7.2	0.89	8.81	2.41	
MW-4S	22-Jan-10	6.50	7.27	0.77	8.81	2.23	
MW-4S	21-Apr-10	5.81	6.43	0.62	8.81	2.93	
MW-4S	19-Jul-10	6.34	7.22	0.88	8.81	2.38	
MW-4S	15-Oct-10	6.34	7.42	1.08	8.81	2.36	
MW-4S	11-Jan-11	7.41	8.15	0.74	8.81	1.32	
MW-4S	25-Apr-11	6.50	7.27	0.77	8.81	2.23	
MW-4S	22-Jul-11	6.39	7.05	0.66	8.81	2.35	
MW-4S	18-Oct-11	5.92	6.4	0.48	8.81	2.84	
MW-4S	16-Jan-12	7.18	7.9	0.72	8.81	1.55	
MW-4S	12-Apr-12	7.30	7.95	0.65	8.81	1.44	
MW-4S	11-Jul-12	6.72	7.4	0.68	8.81	2.02	
MW-4S	23-Oct-12	7.12	7.75	0.63	8.81	1.62	
MW-4S	18-Jan-13	7.00	7.42	0.42	8.81	1.77	
MW-4S	18-Apr-13	7.18	7.7	0.52	8.81	1.58	
MW-4S	15-Jul-13	6.92	7.6	0.68	8.81	1.82	
MW-4S	28-Oct-13	7.20	7.81	0.61	8.81	1.55	
MW-4S	27-Jan-14	7.28	7.6	0.32	8.81	1.50	
MW-4S	7-Apr-14	6.80	7.14	0.34	8.81	1.97	
MW-4S	18-Jul-14	6.59	7.08	0.49	8.81	2.17	
MW-4S	15-Oct-14	6.84	7.35	0.51	8.81	1.92	
MW-4S	4-Feb-15	NM	NM	NM	8.81	NM	Submerged in water
MW-4S	29-Apr-15	5.34	5.83	0.49	8.81	3.42	
MW-4S	14-Jul-15	7.81	7.86	0.05	11.28	3.46	
MW-4S	13-Oct-15	ND	9.7	--	11.28	1.58	
MW-4S	9-Nov-15	8.11	8.19	0.08	11.28	3.16	
MW-4S	4-Feb-16	ND	7.43	--	11.28	3.85	
MW-4S	11-May-16	ND	7.35	--	11.28	3.93	
MW-4S	23-Aug-16	7.43	7.44	0.01	11.28	3.85	
MW-4S	10-Nov-16	ND	7.11	--	11.28	4.17	
MW-4S	24-Feb-17	ND	7.19	--	11.28	4.09	
MW-4S	1-May-17	ND	6.8	--	11.28	4.48	
MW-4S	14-Aug-17	ND	6.74	--	11.28	4.54	
MW-4S	14-Nov-17	ND	7.5	--	11.28	3.78	
MW-4S	27-Feb-18	ND	6.68	--	11.28	4.60	
MW-5	7-Apr-09	7.14	18.82	11.68	9.62	1.31	
MW-5	17-Apr-09	7.32	18.66	11.34	9.62	1.16	
MW-5	29-Jul-09	6.99	20	13.01	9.62	1.33	
MW-5	26-Oct-09	7.69	18.05	10.36	9.62	0.89	
MW-5	22-Jan-10	NM	NM	NM	9.62	NM	
MW-5	21-Apr-10	7.11	19.6	12.49	9.62	1.26	
MW-5	19-Jul-10	6.94	19.6	12.66	9.62	1.41	
MW-5	15-Oct-10	7.30	20.02	12.72	9.62	1.04	
MW-5	11-Jan-11	9.47	19.48	10.01	9.62	-0.85	
MW-5	25-Apr-11	8.69	20.11	11.42	9.62	-0.22	
MW-5	22-Jul-11	8.09	19.11	11.02	9.62	0.42	
MW-5	18-Oct-11	6.95	18.72	11.77	9.62	1.49	
MW-5	16-Jan-12	8.23	18.9	10.67	9.62	0.32	
MW-5	12-Apr-12	8.70	19.6	10.90	9.62	-0.17	
MW-5	11-Jul-12	8.30	19.35	11.05	9.62	0.21	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-5	23-Oct-12	11.00	22.1	11.10	11.44	-0.67	
MW-5	18-Jan-13	10.60	21.8	11.20	11.44	-0.28	
MW-5	18-Apr-13	11.70	14.24	2.54	11.44	-0.51	
MW-5	15-Jul-13	NM	NM	NM	11.44	NM	
MW-5	28-Oct-13	11.15	19.3	8.15	11.44	-0.53	
MW-5	27-Jan-14	NM	NM	NM	11.44	NM	
MW-5	7-Apr-14	11.90	12	0.10	11.44	-0.47	
MW-5	18-Jul-14	10.14	21	10.86	11.44	0.21	
MW-5	15-Oct-14	14.06	25.4	11.34	11.44	-3.76	
MW-5	4-Feb-15	NM	NM	NM	NM	NM	Well inaccessible
MW-5	30-Apr-15	9.02	20.68	11.66	11.44	1.25	System off
MW-5	14-Jul-15	5.96	20.9	14.94	10.12	2.66	System off
MW-5	13-Oct-15	8.21	20.9	12.69	10.12	0.64	System off
MW-5	10-Nov-15	8.67	20.9	12.23	10.12	0.22	System off
MW-5	4-Feb-16	9.42	20.72	11.30	10.12	-0.43	System off
MW-5	11-May-16	10.06	13.52	3.46	10.12	-0.29	System on
MW-5	23-Aug-16	10.32	15.38	5.06	10.12	-0.71	System on
MW-5	10-Nov-16	10.32	15.38	5.06	10.12	-0.71	System on
MW-5	24-Feb-17	11.07	11.26	0.19	10.12	-0.97	System on
MW-5	1-May-17	10.03	17.92	7.89	10.12	-0.70	System on
MW-5	14-Aug-17	9.76	13.28	3.52	10.12	0.01	System on
MW-5	14-Nov-17	9.38	15.11	5.73	10.12	0.17	System on
MW-5	27-Feb-18	10.21	13.98	3.77	10.12	-0.47	System on
MW-5S	11-Jul-12	ND	5.9	--	8.44	2.54	
MW-5S	23-Oct-12	ND	6.69	--	8.44	1.75	
MW-5S	18-Jan-13	ND	6.61	--	8.44	1.83	
MW-5S	18-Apr-13	ND	6.88	--	8.44	1.56	
MW-5S	15-Jul-13	6.00	6.01	0.01	8.44	2.44	
MW-5S	28-Oct-13	ND	7.38	--	8.44	1.06	
MW-5S	27-Jan-14	ND	6.4	--	8.44	2.04	
MW-5S	7-Apr-14	ND	6.07	--	8.44	2.37	
MW-5S	18-Jul-14	5.82	5.84	0.02	8.44	2.62	
MW-5S	4-Feb-15	NM	NM	NM	8.44	NM	Unable to locate
MW-5S	30-Apr-15	ND	6.43	--	8.44	2.01	
MW-5S	14-Jul-15	ND	6.3	--	10.19	3.89	
MW-5S	13-Oct-15	ND	6.33	--	10.19	3.86	
MW-5S	9-Nov-15	7.66	7.67	0.01	10.19	2.53	
MW-5S	4-Feb-16	ND	5.62	--	10.19	4.57	
MW-5S	11-May-16	ND	6.98	--	10.19	3.21	
MW-5S	23-Aug-16	ND	5.91	--	10.19	4.28	
MW-5S	10-Nov-16	ND	5.46	--	10.19	4.73	
MW-5S	24-Feb-17	ND	5.42	--	10.19	4.77	
MW-5S	2-May-17	ND	5.38	--	10.19	4.81	
MW-5S	14-Aug-17	ND	4.6	--	10.19	5.59	
MW-5S	14-Nov-17	ND	5.93	--	10.19	4.26	
MW-5S	27-Feb-18	ND	4.33	--	10.19	5.86	
MW-6	7-Apr-09	9.09	12.18	3.09	11.8	2.38	
MW-6	17-Apr-09	9.35	12.55	3.20	11.8	2.11	
MW-6	29-Jul-09	8.79	12.82	4.03	11.8	2.59	
MW-6	26-Oct-09	9.08	15.55	6.47	11.8	2.04	
MW-6	22-Jan-10	9.22	18	8.78	11.8	1.66	
MW-6	21-Apr-10	8.62	9.25	0.63	11.8	3.11	
MW-6	19-Jul-10	8.73	10.34	1.61	11.8	2.90	
MW-6	15-Oct-10	ND	9.29	--	11.8	2.51	
MW-6	11-Jan-11	11.20	11.63	0.43	11.8	0.55	
MW-6	25-Apr-11	10.28	11	0.72	11.8	1.44	
MW-6	22-Jul-11	9.91	11.05	1.14	11.8	1.77	
MW-6	18-Oct-11	8.40	8.85	0.45	11.8	3.35	
MW-6	16-Jan-12	9.85	10.5	0.65	11.8	1.88	
MW-6	12-Apr-12	10.21	10.65	0.44	11.8	1.54	
MW-6	11-Jul-12	10.10	11.09	0.99	11.8	1.60	
MW-6	23-Oct-12	10.48	10.75	0.27	11.8	1.29	
MW-6	18-Jan-13	11.08	11.8	0.72	11.8	0.64	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-6	18-Apr-13	10.94	11.83	0.89	11.8	0.77	
MW-6	15-Jul-13	10.58	10.68	0.10	11.8	1.21	
MW-6	28-Oct-13	10.80	11.16	0.36	11.8	0.96	
MW-6	27-Jan-14	10.79	12.59	1.80	11.8	0.82	
MW-6	7-Apr-14	10.77	11.7	0.93	11.8	0.93	
MW-6	18-Jul-14	10.00	10.18	0.18	11.8	1.78	
MW-6	15-Oct-14	NM	NM	NM	11.8	NM	Well inaccessible
MW-6	4-Feb-15	NM	NM	NM	11.8	NM	Unable to locate
MW-6	29-Apr-15	NM	NM	NM	11.8	NM	Unable to locate
MW-6	14-Jul-15	NM	NM	NM	11.8	NM	Destroyed during WM Construction
MW-6S	11-Jul-12	9.20	9.68	0.48	12.15	2.90	
MW-6S	23-Oct-12	9.09	9.65	0.56	12.15	3.01	
MW-6S	18-Jan-13	9.80	10.4	0.60	12.15	2.29	
MW-6S	18-Apr-13	9.75	10.8	1.05	12.15	2.30	
MW-6S	15-Jul-13	9.40	10.12	0.72	12.15	2.68	
MW-6S	28-Oct-13	10.09	12.2	2.11	12.15	1.86	
MW-6S	27-Jan-14	9.60	10.3	0.70	12.15	2.48	
MW-6S	7-Apr-14	9.42	9.98	0.56	12.15	2.68	
MW-6S	18-Jul-14	9.19	9.97	0.78	12.15	2.89	
MW-6S	15-Oct-14	NM	NM	NM	12.15	NM	Well inaccessible
MW-6S	4-Feb-15	NM	NM	NM	12.15	NM	Unable to locate
MW-6S	29-Apr-15	NM	NM	NM	12.15	NM	Covered
MW-6S	14-Jul-15	7.84	7.99	0.15	10.39	2.54	
MW-6S	13-Oct-15	7.20	7.75	0.55	10.39	3.14	
MW-6S	9-Nov-15	ND	7.49	--	10.39	2.90	
MW-6S	4-Feb-16	7.00	7.23	0.23	10.39	3.37	
MW-6S	11-May-16	7.34	7.6	0.26	10.39	3.03	
MW-6S	23-Aug-16	ND	8.16	--	10.39	2.23	
MW-6S	10-Nov-16	7.78	8.05	0.27	10.39	2.58	
MW-6S	24-Feb-17	ND	6.5	--	10.39	3.89	
MW-6S	1-May-17	ND	6.51	--	10.39	3.88	
MW-6S	14-Aug-17	ND	4.89	--	10.39	5.50	
MW-6S	14-Nov-17	ND	6.12	--	10.39	4.27	
MW-6S	27-Feb-18	ND	4.87	--	10.39	5.52	
MW-7	7-Apr-09	4.82	5.18	0.36	6.54	1.69	
MW-7	17-Apr-09	7.74	8.42	0.68	6.54	-1.26	
MW-7	29-Jul-09	7.80	9.3	1.50	6.54	-1.39	
MW-7	26-Oct-09	7.07	7.7	0.63	6.54	-0.58	
MW-7	22-Jan-10	6.04	7.62	1.58	6.54	0.36	
MW-7	21-Apr-10	8.05	8.1	0.05	6.54	-1.51	
MW-7	19-Jul-10	8.00	9.66	1.66	6.54	-1.60	
MW-7	15-Oct-10	6.34	7.59	1.25	6.54	0.09	
MW-7	11-Jan-11	7.59	8.71	1.12	6.54	-1.15	
MW-7	25-Apr-11	5.16	5.21	0.05	6.54	1.38	
MW-7	22-Jul-11	7.95	8.97	1.02	6.54	-1.50	
MW-7	18-Oct-11	7.22	8.42	1.20	6.54	-0.78	
MW-7	16-Jan-12	7.85	8	0.15	6.54	-1.32	
MW-7	12-Apr-12	8.15	8.3	0.15	6.54	-1.62	
MW-7	11-Jul-12	7.90	9	1.10	6.54	-1.46	
MW-7	23-Oct-12	7.99	8.1	0.11	6.54	-1.46	
MW-7	18-Jan-13	7.80	7.92	0.12	6.54	-1.27	
MW-7	18-Apr-13	8.10	8.23	0.13	6.54	-1.57	
MW-7	15-Jul-13	7.95	8.6	0.65	6.54	-1.47	
MW-7	28-Oct-13	NM	NM	NM	6.54	NM	Well inaccessible
MW-7	27-Jan-14	NM	NM	NM	6.54	NM	Well inaccessible
MW-7	7-Apr-14	7.75	7.95	0.20	6.54	-1.23	
MW-7	18-Jul-14	NM	NM	NM	6.54	NM	LNAPL too viscous
MW-7	15-Oct-14	7.00	7.18	0.18	6.54	-0.48	
MW-7	4-Feb-15	NM	NM	NM	6.54	NM	Under ice
MW-7	29-Apr-15	NM	NM	NM	6.54	NM	Covered
MW-7	14-Jul-15	10.85	12.08	1.23	9.62	-1.34	
MW-7	13-Oct-15	7.25	7.75	0.50	9.62	2.33	
MW-7	10-Nov-15	7.61	7.65	0.04	9.62	2.01	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-7	4-Feb-16	11.59	11.97	0.38	9.62	-2.00	
MW-7	11-May-16	12.88	13.6	0.72	9.62	-3.32	
MW-7	23-Aug-16	11.58	13.31	1.73	9.62	-2.11	
MW-7	10-Nov-16	10.55	11.8	1.25	9.62	-1.04	
MW-7	24-Feb-17	11.62	12.66	1.04	9.62	-2.09	
MW-7	1-May-17	11.25	12.1	0.85	9.62	-1.70	
MW-7	14-Aug-17	11.36	12.71	1.35	9.62	-1.86	
MW-7	14-Nov-17	10.85	11.14	0.29	9.62	-1.26	
MW-7	27-Feb-18	12.07	12.57	0.50	9.62	-2.49	
MW-8	7-Apr-09	ND	4.09	--	5.8	1.71	
MW-8	17-Apr-09	ND	7.54	--	5.8	-1.74	
MW-8	29-Jul-09	ND	7.5	--	5.8	-1.70	
MW-8	26-Oct-09	ND	6.83	--	5.8	-1.03	
MW-8	22-Jan-10	ND	6.59	--	5.8	-0.79	
MW-8	21-Apr-10	ND	7.66	--	5.8	-1.86	
MW-8	19-Jul-10	ND	7.42	--	5.8	-1.62	
MW-8	15-Oct-10	ND	6.87	--	5.8	-1.07	
MW-8	11-Jan-11	ND	6.19	--	5.8	-0.39	
MW-8	25-Apr-11	ND	7.77	--	5.8	-1.97	
MW-8	22-Jul-11	ND	7.79	--	5.8	-1.99	
MW-8	18-Oct-11	ND	6.59	--	5.8	-0.79	
MW-8	16-Jan-12	ND	7.2	--	5.8	-1.40	
MW-8	12-Apr-12	ND	8.42	--	5.8	-2.62	
MW-8	11-Jul-12	ND	7.94	--	5.8	-2.14	
MW-8	23-Oct-12	ND	7.69	--	5.8	-1.89	
MW-8	18-Jan-13	ND	6.81	--	5.8	-1.01	
MW-8	18-Apr-13	ND	7.92	--	5.8	-2.12	
MW-8	15-Jul-13	ND	7.6	--	5.8	-1.80	
MW-8	28-Oct-13	ND	7.09	--	5.8	-1.29	
MW-8	27-Jan-14	ND	8.27	--	5.8	-2.47	
MW-8	7-Apr-14	ND	8.08	--	5.8	-2.28	
MW-8	18-Jul-14	ND	7.51	--	5.8	-1.71	
MW-8	15-Oct-14	ND	5.8	--	5.8	0.00	
MW-8	4-Feb-15	NM	NM	NM	5.8	NM	Unable to locate
MW-8	29-Apr-15	ND	7.84	--	5.8	-2.04	
MW-8	14-Jul-15	ND	7.69	--	6.54	-1.15	
MW-8	13-Oct-15	ND	3.4	--	6.54	3.14	
MW-8	9-Nov-15	ND	8.53	--	6.54	-1.99	
MW-8	4-Feb-16	ND	8.31	--	6.54	-1.77	
MW-8	11-May-16	ND	8.28	--	6.54	-1.74	
MW-8	23-Aug-16	ND	8.76	--	6.54	-2.22	
MW-8	10-Nov-16	ND	7.45	--	6.54	-0.91	
MW-8	24-Feb-17	ND	8.54	--	6.54	-2.00	
MW-8	1-May-17	ND	8.52	--	6.54	-1.98	
MW-8	14-Aug-17	ND	8.02	--	6.54	-1.48	
MW-8	14-Nov-17	ND	7.74	--	6.54	-1.20	
MW-8	27-Feb-18	ND	9.34	--	6.54	-2.80	
MW-9	7-Apr-09	8.40	17.7	9.30	9.76	0.42	
MW-9	17-Apr-09	8.28	17.51	9.23	9.76	0.54	
MW-9	29-Jul-09	8.35	17.9	9.55	9.76	0.44	
MW-9	26-Oct-09	8.84	17.9	9.06	9.76	0.00	
MW-9	22-Jan-10	9.85	18.2	8.35	9.76	-0.94	
MW-9	21-Apr-10	8.86	14.99	6.13	9.76	0.28	
MW-9	19-Jul-10	8.50	17.99	9.49	9.76	0.30	
MW-9	15-Oct-10	8.60	13.83	5.23	9.76	0.63	
MW-9	11-Jan-11	10.52	18.16	7.64	9.76	-1.54	
MW-9	25-Apr-11	9.94	17.85	7.91	9.76	-0.98	
MW-9	22-Jul-11	9.46	17.8	8.34	9.76	-0.55	
MW-9	18-Oct-11	8.71	16.85	8.14	9.76	0.22	
MW-9	16-Jan-12	11.40	19.45	8.05	11.37	-0.85	
MW-9	12-Apr-12	11.95	19.3	7.35	11.37	-1.33	
MW-9	11-Jul-12	11.35	19.2	7.85	11.37	-0.78	
MW-9	23-Oct-12	11.65	19.5	7.85	11.37	-1.08	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-9	18-Jan-13	NM	NM	NM	11.37	NM	
MW-9	18-Apr-13	13.80	16.3	2.50	11.37	-2.68	
MW-9	15-Jul-13	NM	NM	NM	11.37	NM	
MW-9	28-Oct-13	12.24	19.5	7.26	11.37	-1.61	
MW-9	27-Jan-14	12.75	18.4	5.65	11.37	-1.95	
MW-9	7-Apr-14	12.40	14.2	1.80	11.37	-1.21	
MW-9	18-Jul-14	11.20	19.4	8.20	11.37	-0.66	
MW-9	15-Oct-14	11.44	19.5	8.06	11.37	-0.89	
MW-9	4-Feb-15	11.40	19.5	8.10	11.37	-0.85	System off
MW-9	29-Apr-15	12.14	15.08	2.94	11.37	-1.07	System on
MW-9	14-Jul-15	11.80	19.57	7.77	11.37	-1.22	System on
MW-9	13-Oct-15	11.86	12.44	0.58	11.37	-0.55	System on
MW-9	9-Nov-15	11.79	18.35	6.56	11.37	-1.09	System on
MW-9	4-Feb-16	12.54	12.91	0.37	11.37	-1.21	System on
MW-9	11-May-16	13.27	18.92	5.65	11.37	-2.47	System on
MW-9	23-Aug-16	11.90	19.38	7.48	11.37	-1.29	System on
MW-9	10-Nov-16	12.50	15.12	2.62	11.37	-1.40	System on
MW-9	24-Feb-17	12.68	17.89	5.21	11.37	-1.84	System on
MW-9	1-May-17	12.54	15.4	2.86	11.37	-1.46	System on
MW-9	14-Aug-17	12.18	13.01	0.83	11.37	-0.89	System on
MW-9	14-Nov-17	12.14	12.83	0.69	11.37	-0.84	System on
MW-9	27-Feb-18	12.07	17.31	5.24	11.37	-1.23	System on
MW-10	7-Apr-09	ND	8.74	--	10.56	1.82	
MW-10	17-Apr-09	ND	8.64	--	10.56	1.92	
MW-10	29-Jul-09	ND	8.1	--	10.56	2.46	
MW-10	26-Oct-09	ND	8.2	--	10.56	2.36	
MW-10	22-Jan-10	ND	8.63	--	10.56	1.93	
MW-10	21-Apr-10	ND	8.28	--	10.56	2.28	
MW-10	19-Jul-10	ND	8.47	--	10.56	2.09	
MW-10	15-Oct-10	ND	8.25	--	10.56	2.31	
MW-10	11-Jan-11	ND	8.68	--	10.56	1.88	
MW-10	25-Apr-11	ND	8.27	--	10.56	2.29	
MW-10	22-Jul-11	ND	8.68	--	10.56	1.88	
MW-10	18-Oct-11	ND	8.21	--	10.56	2.35	
MW-10	16-Jan-12	ND	8.39	--	10.56	2.17	
MW-10	12-Apr-12	ND	8.54	--	10.56	2.02	
MW-10	11-Jul-12	ND	8.4	--	10.56	2.16	
MW-10	23-Oct-12	ND	8.5	--	10.56	2.06	
MW-10	18-Jan-13	ND	8.55	--	10.56	2.01	
MW-10	18-Apr-13	8.82	8.83	0.01	10.56	1.74	
MW-10	15-Jul-13	ND	8.76	--	10.56	1.80	
MW-10	28-Oct-13	ND	8.97	--	10.56	1.59	
MW-10	27-Jan-14	ND	8.75	--	10.56	1.81	
MW-10	7-Apr-14	ND	8.4	--	10.56	2.16	
MW-10	18-Jul-14	ND	8.4	--	10.56	2.16	
MW-10	15-Oct-14	ND	8.58	--	10.56	1.98	
MW-10	4-Feb-15	ND	8.59	--	10.56	1.97	
MW-10	29-Apr-15	ND	8.62	--	10.56	1.94	
MW-10	14-Jul-15	ND	8.57	--	10.56	1.99	
MW-10	13-Oct-15	ND	8.41	--	10.56	2.15	
MW-10	9-Nov-15	ND	8.81	--	10.56	1.75	
MW-10	4-Feb-16	ND	8.33	--	10.56	2.23	
MW-10	11-May-16	ND	8.55	--	10.56	2.01	
MW-10	23-Aug-16	ND	8.8	--	10.56	1.76	
MW-10	10-Nov-16	ND	8.68	--	10.56	1.88	
MW-10	24-Feb-17	ND	8.8	--	10.56	1.76	
MW-10	1-May-17	ND	8.38	--	10.56	2.18	
MW-10	14-Aug-17	ND	8.46	--	10.56	2.10	
MW-10	14-Nov-17	ND	8.46	--	10.56	2.10	
MW-10	27-Feb-18	ND	8.44	--	10.56	2.12	
MW-11	7-Apr-09	ND	5.73	--	6.98	1.25	
MW-11	17-Apr-09	ND	8.72	--	6.98	-1.74	
MW-11	29-Jul-09	ND	7.98	--	6.98	-1.00	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-11	26-Oct-09	ND	8.15	--	6.98	-1.17	
MW-11	21-Jan-10	ND	5.33	--	6.98	1.65	
MW-11	21-Apr-10	NM	NM	NM	6.98	NM	Well destroyed
MW-11R	25-Apr-11	ND	8.44	--	6.7	-1.74	
MW-11R	22-Jul-11	ND	8.46	--	6.7	-1.76	
MW-11R	18-Oct-11	ND	7.32	--	6.7	-0.62	
MW-11R	16-Jan-12	ND	8.58	--	6.7	-1.88	
MW-11R	12-Apr-12	ND	8.76	--	6.7	-2.06	
MW-11R	11-Jul-12	ND	8.19	--	6.7	-1.49	
MW-11R	23-Oct-12	ND	8.08	--	6.7	-1.38	
MW-11R	18-Jan-13	ND	7.25	--	6.7	-0.55	
MW-11R	18-Apr-13	ND	8.4	--	6.7	-1.70	
MW-11R	15-Jul-13	ND	8.11	--	6.7	-1.41	
MW-11R	28-Oct-13	ND	8.05	--	6.7	-1.35	
MW-11R	27-Jan-14	NM	NM	NM	6.7	NM	Well inaccessible
MW-11R	7-Apr-14	ND	8.51	--	6.7	-1.81	
MW-11R	18-Jul-14	ND	8.34	--	6.7	-1.64	
MW-11R	15-Oct-14	ND	7.8	--	6.7	-1.10	
MW-11R	4-Feb-15	ND	5.3	--	6.7	1.40	
MW-11R	29-Apr-15	ND	8.3	--	6.7	-1.60	
MW-11R	14-Jul-15	ND	7.58	--	6.7	-0.88	
MW-11R	13-Oct-15	ND	3.77	--	6.7	2.93	
MW-11R	9-Nov-15	ND	8.51	--	6.7	-1.81	
MW-11R	4-Feb-16	ND	8.66	--	6.7	-1.96	
MW-11R	11-May-16	ND	9.11	--	6.7	-2.41	
MW-11R	23-Aug-16	ND	8.44	--	6.7	-1.74	
MW-11R	10-Nov-16	ND	7.58	--	6.7	-0.88	
MW-11R	24-Feb-17	ND	8.49	--	6.7	-1.79	
MW-11R	1-May-17	ND	8.32	--	6.7	-1.62	
MW-11R	14-Aug-17	ND	8.23	--	6.7	-1.53	
MW-11R	14-Nov-17	ND	7.65	--	6.7	-0.95	
MW-11R	27-Feb-18	ND	8.79	--	6.7	-2.09	
MW-12	7-Apr-09	ND	8.26	--	6.67	-1.59	
MW-12	17-Apr-09	8.40	8.41	0.01	6.67	-1.73	
MW-12	29-Jul-09	NM	NM	NM	6.67	NM	
MW-12	26-Oct-09	7.81	7.95	0.14	6.67	-1.15	
MW-12	21-Apr-10	ND	7.96	--	6.67	-1.29	
MW-12	19-Jul-10	NM	NM	NM	6.67	NM	Well destroyed
MW-12R	25-Apr-11	ND	8.49	--	6.69	-1.80	
MW-12R	22-Jul-11	8.45	8.46	0.01	6.69	-1.76	
MW-12R	18-Oct-11	7.02	7.03	0.01	6.69	-0.33	
MW-12R	16-Jan-12	8.45	8.46	0.01	6.69	-1.76	
MW-12R	12-Apr-12	8.80	8.82	0.02	6.69	-2.11	
MW-12R	11-Jul-12	8.36	8.37	0.01	6.69	-1.67	
MW-12R	23-Oct-12	9.00	9.02	0.02	6.69	-2.31	
MW-12R	18-Jan-13	ND	7.7	--	6.69	-1.01	
MW-12R	18-Apr-13	8.28	8.3	0.02	6.69	-1.59	
MW-12R	15-Jul-13	8.36	8.37	0.01	6.69	-1.67	
MW-12R	28-Oct-13	7.12	7.14	0.02	6.69	-0.43	
MW-12R	27-Jan-14	8.35	8.37	0.02	6.69	-1.66	
MW-12R	7-Apr-14	ND	11.8	--	6.69	-5.11	
MW-12R	18-Jul-14	8.36	8.4	0.04	6.69	-1.67	
MW-12R	15-Oct-14	7.60	7.62	0.02	6.69	-0.91	
MW-12R	4-Feb-15	NM	NM	NM	6.69	NM	Unable to locate
MW-12R	29-Apr-15	8.30	9.35	1.05	6.69	-1.71	
MW-12R	14-Jul-15	NM	NM	NM	6.69	NM	LNAPL too viscous
MW-12R	13-Oct-15	3.90	4.3	0.40	6.69	2.75	
MW-12R	9-Nov-15	NM	NM	NM	6.69	NM	LNAPL too viscous
MW-12R	4-Feb-16	ND	8.59	--	6.69	-1.90	
MW-12R	11-May-16	9.28	9.69	0.41	6.69	-2.63	
MW-12R	23-Aug-16	8.55	8.97	0.42	6.69	-1.90	
MW-12R	10-Nov-16	7.74	7.79	0.05	6.69	-1.05	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-12R	24-Feb-17	ND	8.44	--	6.69	-1.75	
MW-12R	1-May-17	ND	8.44	--	6.69	-1.75	
MW-12R	14-Aug-17	ND	8.54	--	6.69	-1.85	
MW-12R	14-Nov-17	ND	7.68	--	6.69	-0.99	
MW-12R	27-Feb-18	8.88	8.89	0.01	6.69	-2.19	
MW-13	7-Apr-09	NM	NM	NM	7.82	NM	
MW-13	17-Apr-09	ND	3.64	--	7.82	4.18	
MW-13	29-Jul-09	ND	3.51	--	7.82	4.31	
MW-13	26-Oct-09	ND	3.59	--	7.82	4.23	
MW-13	21-Apr-10	ND	3.7	--	7.82	4.12	
MW-13	19-Jul-10	NM	NM	NM	7.82	NM	Well inaccessible
MW-13	15-Oct-10	ND	3.89	--	7.82	3.93	
MW-13	11-Jan-11	ND	4.16	--	7.82	3.66	
MW-13	25-Apr-11	ND	4.31	--	7.82	3.51	
MW-13	22-Jul-11	ND	4.4	--	7.82	3.42	
MW-13	18-Oct-11	ND	3.55	--	7.82	4.27	
MW-13	16-Jan-12	ND	3.95	--	7.82	3.87	
MW-13	12-Apr-12	ND	4.18	--	7.82	3.64	
MW-13	11-Jul-12	ND	3.92	--	7.82	3.90	
MW-13	23-Oct-12	ND	3.7	--	7.82	4.12	
MW-13	18-Jan-13	ND	3.4	--	7.82	4.42	
MW-13	18-Apr-13	ND	3.48	--	7.82	4.34	
MW-13	15-Jul-13	ND	3.24	--	7.82	4.58	
MW-13	28-Oct-13	ND	3.54	--	7.82	4.28	
MW-13	27-Jan-14	NM	NM	NM	7.82	NM	Well inaccessible
MW-13	7-Apr-14	ND	2.78	--	7.82	5.04	
MW-13	18-Jul-14	ND	2.61	--	7.82	5.21	
MW-13	15-Oct-14	ND	2.88	--	7.82	4.94	
MW-13	4-Feb-15	ND	3.48	--	7.82	4.34	
MW-13	29-Apr-15	ND	3.29	--	7.82	4.53	
MW-13	14-Jul-15	ND	3.25	--	7.82	4.57	
MW-13	13-Oct-15	ND	3.26	--	7.82	4.56	
MW-13	9-Nov-15	ND	3.6	--	7.82	4.22	
MW-13	4-Feb-16	NM	NM	NM	7.82	NM	Covered by container
MW-13	12-May-16	ND	3.5	--	7.82	4.32	
MW-13	23-Aug-16	ND	3.59	--	7.82	4.23	
MW-13	10-Nov-16	ND	3.65	--	7.82	4.17	
MW-13	24-Feb-17	ND	3.22	--	7.82	4.60	
MW-13	1-May-17	ND	3.01	--	7.82	4.81	
MW-13	14-Aug-17	ND	2.82	--	7.82	5.00	
MW-13	14-Nov-17	ND	3.1	--	7.82	4.72	
MW-13	27-Feb-18	ND	2.55	--	7.82	5.27	
MW-14	29-Jul-09	20.65	26.8	6.15	22.92	1.63	
MW-14	26-Oct-09	21.31	26.5	5.19	22.92	1.07	
MW-14	21-Apr-10	20.67	23.33	2.66	22.92	1.97	
MW-14	19-Jul-10	20.91	26.81	5.90	22.92	1.39	
MW-14	15-Oct-10	21.12	26.59	5.47	22.92	1.23	
MW-14	11-Jan-11	22.81	26.53	3.72	22.92	-0.28	
MW-14	25-Apr-11	22.01	25.1	3.09	22.92	0.59	
MW-14	22-Jul-11	21.92	24.63	2.71	22.92	0.72	
MW-14	18-Oct-11	20.65	25.45	4.80	22.92	1.77	
MW-14	16-Jan-12	18.60	25.05	6.45	21.81	2.54	
MW-14	12-Apr-12	21.40	22.18	0.78	21.81	0.33	
MW-14	11-Jul-12	21.22	22.05	0.83	21.81	0.50	
MW-14	23-Oct-12	NM	NM	NM	21.81	NM	Well inaccessible
MW-14	18-Jan-13	22.20	22.4	0.20	21.81	-0.41	
MW-14	18-Apr-13	17.30	18.1	0.80	21.81	4.43	
MW-14	15-Jul-13	21.42	22.32	0.90	21.81	0.30	
MW-14	28-Oct-13	21.70	22.6	0.90	21.81	0.02	
MW-14	27-Jan-14	21.60	24.1	2.50	21.81	-0.05	
MW-14	7-Apr-14	21.60	21.63	0.03	21.81	0.21	
MW-14	18-Jul-14	21.12	21.22	0.10	21.81	0.68	
MW-14	15-Oct-14	21.50	21.92	0.42	21.81	0.27	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-14	4-Feb-15	21.43	22.6	1.17	21.81	0.26	System off
MW-14	29-Apr-15	21.20	22.3	1.10	21.81	0.50	System on
MW-14	14-Jul-15	20.43	21.23	0.80	21.81	1.30	System on
MW-14	14-Jul-15	20.43	21.23	0.80	21.81	1.30	System on
MW-14	13-Oct-15	20.60	21.61	1.01	21.81	1.10	System off
MW-14	10-Nov-15	22.14	22.6	0.46	21.81	-0.38	System on
MW-14	4-Feb-16	21.66	21.81	0.15	21.81	0.13	System on
MW-14	11-May-16	21.49	22.54	1.05	21.81	0.21	System on
MW-14	23-Aug-16	21.46	22.97	1.51	21.81	0.19	System on
MW-14	10-Nov-16	21.33	24.85	3.52	21.81	0.11	System on
MW-14	24-Feb-17	21.84	25.27	3.43	21.81	-0.39	System on
MW-14	1-May-17	21.71	22.52	0.81	21.81	0.02	System on
MW-14	14-Aug-17	NM	NM	NM	21.81	NM	Covered by vehicle
MW-14	14-Nov-17	21.17	22.27	1.10	21.81	0.53	System on
MW-14	27-Feb-18	21.65	22.74	1.09	21.81	0.05	System on
MW-15	29-Jul-09	ND	10.59	--	13.05	2.46	
MW-15	26-Oct-09	ND	11.32	--	13.05	1.73	
MW-15	21-Apr-10	ND	10.79	--	13.05	2.26	
MW-15	19-Jul-10	ND	11.02	--	13.05	2.03	
MW-15	15-Oct-10	ND	10.89	--	13.05	2.16	
MW-15	11-Jan-11	ND	12.48	--	13.05	0.57	
MW-15	25-Apr-11	ND	11.5	--	13.05	1.55	
MW-15	22-Jul-11	ND	11.62	--	13.05	1.43	
MW-15	18-Oct-11	ND	11.16	--	13.05	1.89	
MW-15	16-Jan-12	ND	13.58	--	13.05	-0.53	
MW-15	12-Apr-12	ND	12.49	--	13.05	0.56	
MW-15	18-Apr-13	ND	12.56	--	13.05	0.49	
MW-15	15-Jul-13	ND	11.9	--	13.05	1.15	
MW-15	28-Oct-13	ND	12.88	--	13.05	0.17	
MW-15	27-Jan-14	NM	NM	NM	13.05	NM	Well inaccessible
MW-15	7-Apr-14	ND	11.97	--	13.05	1.08	
MW-15	18-Jul-14	NM	NM	NM	13.05	NM	Well inaccessible
MW-15	15-Oct-14	ND	12.52	--	13.05	0.53	
MW-15	4-Feb-15	ND	11.61	--	13.05	1.44	
MW-15	29-Apr-15	ND	11.83	--	13.05	1.22	
MW-15	14-Jul-15	ND	10.95	--	12.92	1.97	
MW-15	13-Oct-15	ND	11.2	--	12.92	1.72	
MW-15	9-Nov-15	ND	13	--	12.92	-0.08	
MW-15	4-Feb-16	ND	11.89	--	12.92	1.03	
MW-15	11-May-16	ND	13.07	--	12.92	-0.15	
MW-15	23-Aug-16	NM	NM	NM	12.92	NM	Under vehicle
MW-15	10-Nov-16	ND	12.17	--	12.92	0.75	
MW-15	24-Feb-17	ND	12.47	--	12.92	0.45	
MW-15	1-May-17	ND	11.55	--	12.92	1.37	
MW-15	14-Aug-17	NM	NM	NM	12.92	NM	
MW-15	14-Nov-17	NM	NM	NM	12.92	NM	Covered by vehicle
MW-15	27-Feb-18	ND	11.4	--	12.92	1.52	
MW-15R	11-Jul-12	ND	11.73	--	13.3	1.57	
MW-15R	23-Oct-12	ND	12	--	13.3	1.30	
MW-15R	18-Jan-13	ND	12.58	--	13.3	0.72	
MW-15R	18-Apr-13	ND	12.75	--	13.3	0.55	
MW-15R	15-Jul-13	NM	NM	NM	13.3	NM	Well inaccessible
MW-15R	28-Oct-13	ND	13.1	--	13.3	0.20	
MW-15R	27-Jan-14	NM	NM	NM	13.3	NM	Well inaccessible
MW-15R	7-Apr-14	ND	12.11	--	13.3	1.19	
MW-15R	18-Jul-14	NM	NM	NM	13.3	NM	Well inaccessible
MW-15R	15-Oct-14	NM	NM	NM	13.3	NM	Unable to locate
MW-15R	4-Feb-15	NM	NM	NM	13.3	NM	Unable to locate
MW-15R	29-Apr-15	ND	12.11	--	13.3	1.19	
MW-15R	14-Jul-15	10.91	10.92	0.01	13.3	2.39	
MW-15R	13-Oct-15	11.50	11.51	0.01	13.3	1.80	
MW-15R	9-Nov-15	ND	12.45	--	13.3	0.85	
MW-15R	4-Feb-16	ND	12.13	--	13.3	1.17	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-15R	11-May-16	ND	12.36	--	13.3	0.94	
MW-15R	23-Aug-16	NM	NM	NM	13.3	NM	
MW-15R	23-Aug-16	NM	NM	NM	13.3	NM	Under vehicle
MW-15R	11-Nov-16	ND	11.83	--	13.3	1.47	
MW-15R	24-Feb-17	ND	12.64	--	13.3	0.66	
MW-15R	1-May-17	ND	11.9	--	13.3	1.40	
MW-15R	14-Aug-17	NM	NM	NM	13.3	NM	
MW-15R	14-Nov-17	12.07	12.15	0.08	13.3	1.22	
MW-15R	27-Feb-18	ND	11.49	--	13.3	1.81	
MW-16	29-Jul-09	20.91	21	0.09	24.12	3.20	
MW-16	26-Oct-09	21.25	21.27	0.02	24.12	2.87	
MW-16	21-Apr-10	20.06	20.07	0.01	24.12	4.06	
MW-16	19-Jul-10	ND	20.7	--	24.12	3.42	
MW-16	15-Oct-10	ND	20.98	--	24.12	3.14	
MW-16	11-Jan-11	21.95	22.42	0.47	24.12	2.13	
MW-16	25-Apr-11	21.46	22.65	1.19	24.12	2.55	
MW-16	22-Jul-11	21.25	21.49	0.24	24.12	2.85	
MW-16	18-Oct-11	20.15	20.14	-0.01	24.12	3.97	
MW-16	16-Jan-12	21.05	21.07	0.02	24.12	3.07	
MW-16	12-Apr-12	21.36	21.37	0.01	24.12	2.76	
MW-16	11-Jul-12	21.22	21.8	0.58	24.12	2.84	
MW-16	23-Oct-12	21.50	22.51	1.01	24.12	2.52	
MW-16	18-Jan-13	22.03	23.1	1.07	24.12	1.99	
MW-16	18-Apr-13	21.90	23.1	1.20	24.12	2.11	
MW-16	15-Jul-13	21.52	22.65	1.13	24.12	2.49	
MW-16	28-Oct-13	21.90	22.76	0.86	24.12	2.14	
MW-16	27-Jan-14	22.40	23.65	1.25	24.12	1.60	
MW-16	7-Apr-14	22.07	23.35	1.28	24.12	1.93	
MW-16	18-Jul-14	21.23	21.35	0.12	24.12	2.88	
MW-16	15-Oct-14	21.58	22.18	0.60	24.12	2.48	
MW-16	4-Feb-15	21.83	23.08	1.25	24.12	2.17	
MW-16	29-Apr-15	21.32	22.76	1.44	24.12	2.66	
MW-16	14-Jul-15	21.09	22.35	1.26	24.12	2.91	
MW-16	13-Oct-15	21.31	22.8	1.49	24.12	2.67	
MW-16	9-Nov-15	21.62	22.95	1.33	24.12	2.37	
MW-16	4-Feb-16	22.21	22.65	0.44	24.12	1.87	
MW-16	11-May-16	22.18	22.55	0.37	24.12	1.90	
MW-16	23-Aug-16	22.30	22.46	0.16	24.12	1.80	
MW-16	10-Nov-16	22.27	22.57	0.30	24.12	1.82	
MW-16	24-Feb-17	22.56	23.21	0.65	24.12	1.50	
MW-16	1-May-17	22.08	22.27	0.19	24.12	2.02	
MW-16	14-Aug-17	21.40	22.95	1.55	24.12	2.57	
MW-16	14-Nov-17	21.85	22.4	0.55	24.12	2.22	
MW-16	27-Feb-18	22.29	22.65	0.36	24.12	1.80	
MW-17	29-Jul-09	14.76	22.2	7.44	16.81	1.27	
MW-17	26-Oct-09	15.44	23	7.56	16.81	0.58	
MW-17	21-Apr-10	15.53	17.22	1.69	16.81	1.10	
MW-17	19-Jul-10	15.03	20.91	5.88	16.81	1.16	
MW-17	15-Oct-10	15.24	19.39	4.15	16.81	1.13	
MW-17	11-Jan-11	16.85	20.97	4.12	16.81	-0.47	
MW-17	25-Apr-11	16.94	17.83	0.89	16.81	-0.22	
MW-17	22-Jul-11	16.19	18.81	2.62	16.81	0.34	
MW-17	18-Oct-11	15.29	22.1	6.81	16.81	0.80	
MW-17	16-Jan-12	16.00	20.37	4.37	16.81	0.35	
MW-17	12-Apr-12	16.35	22.5	6.15	16.81	-0.19	
MW-17	11-Jul-12	15.21	22.5	7.29	16.81	0.83	
MW-17	23-Oct-12	16.20	23.4	7.20	16.81	-0.15	
MW-17	18-Jan-13	16.85	21.5	4.65	16.81	-0.53	
MW-17	18-Apr-13	16.94	21	4.06	16.81	-0.56	
MW-17	15-Jul-13	16.55	21.2	4.65	16.81	-0.23	
MW-17	28-Oct-13	16.70	21.8	5.10	16.81	-0.43	
MW-17	27-Jan-14	16.86	21.4	4.54	16.81	-0.53	
MW-17	7-Apr-14	16.90	17.8	0.90	16.81	-0.18	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-17	18-Jul-14	16.24	18.4	2.16	16.81	0.34	
MW-17	15-Oct-14	16.30	21.06	4.76	16.81	0.01	
MW-17	4-Feb-15	NM	NM	NM	16.81	NM	Under septic tanks
MW-17	29-Apr-15	NM	NM	NM	16.81	NM	Under septic tanks
MW-17	14-Jul-15	NM	NM	NM	16.81	NM	Under septic tanks
MW-17	13-Oct-15	NM	NM	NM	16.81	NM	Under septic tanks
MW-17	9-Nov-15	NM	NM	NM	16.81	NM	Under septic tanks
MW-17	4-Feb-16	NM	NM	NM	16.81	NM	Under septic tanks
MW-17	11-May-16	16.52	21.04	4.52	16.81	-0.19	
MW-17	23-Aug-16	15.81	20.58	4.77	16.81	0.50	
MW-17	10-Nov-16	16.53	21.06	4.53	16.81	-0.20	
MW-17	24-Feb-17	17.21	19.3	2.09	16.81	-0.62	
MW-17	1-May-17	16.75	19.39	2.64	16.81	-0.22	
MW-17	14-Aug-17	16.01	21.01	5.00	16.81	0.27	
MW-17	14-Nov-17	16.24	21.04	4.80	16.81	0.07	Flooded
MW-17	27-Feb-18	16.79	18.9	2.11	16.81	-0.20	
MW-18	24-Sep-09	ND	20.92	--	23.55	2.63	
MW-18	26-Oct-09	ND	21.32	--	23.55	2.23	
MW-18	21-Apr-10	ND	19.97	--	23.55	3.58	
MW-18	19-Jul-10	20.62	20.67	0.05	23.55	2.93	
MW-18	15-Oct-10	20.50	20.51	0.01	23.55	3.05	
MW-18	11-Jan-11	NM	NM	NM	23.55	NM	Well inaccessible
MW-18	25-Apr-11	21.22	22	0.78	23.55	2.26	
MW-18	22-Jul-11	20.95	21	0.05	23.55	2.60	
MW-18	18-Oct-11	20.19	20.49	0.30	23.55	3.33	
MW-18	16-Jan-12	15.00	NM	NM	23.55	NM	LNAPL too viscous
MW-18	12-Apr-12	21.20	22.11	0.91	23.55	2.26	
MW-18	11-Jul-12	21.00	22.71	1.71	23.55	2.39	
MW-18	23-Oct-12	21.35	22.97	1.62	23.55	2.05	
MW-18	18-Jan-13	NM	NM	NM	23.55	NM	Well inaccessible
MW-18	18-Apr-13	NM	NM	NM	23.55	NM	Under vehicle
MW-18	15-Jul-13	20.97	24.3	3.33	23.55	2.26	
MW-18	28-Oct-13	21.44	24.6	3.16	23.55	1.81	
MW-18	27-Jan-14	21.69	24.2	2.51	23.55	1.62	
MW-18	7-Apr-14	21.65	24.6	2.95	23.55	1.62	
MW-18	18-Jul-14	ND	21.8	--	23.55	1.75	
MW-18	15-Oct-14	20.78	24.2	3.42	23.55	2.45	
MW-18	4-Feb-15	21.38	25.25	3.87	23.55	1.80	
MW-18	29-Apr-15	20.74	25.33	4.59	23.55	2.37	
MW-18	14-Jul-15	20.28	24.77	4.49	23.55	2.84	
MW-18	13-Oct-15	20.32	24.75	4.43	23.55	2.81	
MW-18	9-Nov-15	21.60	23.77	2.17	23.55	1.74	
MW-18	4-Feb-16	21.52	22.17	0.65	23.55	1.97	
MW-18	11-May-16	21.75	23.09	1.34	23.55	1.67	
MW-18	23-Aug-16	22.00	22.91	0.91	23.55	1.46	
MW-18	10-Nov-16	21.79	22.14	0.35	23.55	1.73	
MW-18	24-Feb-17	22.02	23.34	1.32	23.55	1.40	
MW-18	1-May-17	21.39	23.36	1.97	23.55	1.97	
MW-18	14-Aug-17	21.21	22.46	1.25	23.55	2.22	
MW-18	14-Nov-17	21.45	21.99	0.54	23.55	2.05	
MW-18	27-Feb-18	22.34	23.05	0.71	23.55	1.14	
MW-19	24-Sep-09	21.95	22.55	0.60	24.85	2.84	
MW-19	26-Oct-09	22.00	23.05	1.05	24.85	2.74	
MW-19	21-Apr-10	20.86	21.55	0.69	24.85	3.92	
MW-19	19-Jul-10	21.42	22.01	0.59	24.85	3.37	
MW-19	15-Oct-10	21.70	22.58	0.88	24.85	3.06	
MW-19	11-Jan-11	22.86	24.35	1.49	24.85	1.84	
MW-19	25-Apr-11	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	22-Jul-11	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	18-Oct-11	20.95	21.6	0.65	24.85	3.83	
MW-19	16-Jan-12	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	12-Apr-12	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	11-Jul-12	NM	NM	NM	24.85	NM	Well inaccessible

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-19	23-Oct-12	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	18-Jan-13	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	18-Apr-13	NM	NM	NM	24.85	NM	Under vehicle
MW-19	18-Apr-13	NM	NM	NM	24.85	NM	Under vehicle
MW-19	15-Jul-13	NM	NM	NM	24.85	NM	Under vehicle
MW-19	28-Oct-13	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	27-Jan-14	23.07	24.66	1.59	24.85	1.62	
MW-19	7-Apr-14	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	18-Jul-14	NM	NM	NM	24.85	NM	Well inaccessible
MW-19	15-Oct-14	22.18	23.53	1.35	24.85	2.53	
MW-19	4-Feb-15	22.62	23.88	1.26	24.85	2.10	
MW-19	29-Apr-15	NM	NM	NM	24.85	NM	Under vehicle
MW-19	14-Jul-15	NM	NM	NM	24.85	NM	Under vehicle
MW-19	13-Oct-15	NM	NM	NM	24.85	NM	Under vehicle
MW-19	9-Nov-15	NM	NM	NM	24.85	NM	Under vehicle
MW-19	4-Feb-16	NM	NM	NM	24.85	NM	Under vehicle
MW-19	11-May-16	22.84	23.98	1.14	24.85	1.89	
MW-19	23-Aug-16	NM	NM	NM	24.85	NM	Under vehicle
MW-19	10-Nov-16	NM	NM	NM	24.85	NM	Under vehicle
MW-19	24-Feb-17	NM	NM	NM	24.85	NM	Under vehicle
MW-19	1-May-17	22.65	23.6	0.95	24.85	2.10	
MW-19	14-Aug-17	22.29	23.38	1.09	24.85	2.45	
MW-19	14-Nov-17	22.40	23.47	1.07	24.85	2.34	
MW-19	27-Feb-18	22.83	23.75	0.92	24.85	1.93	
MW-20	29-Jul-09	ND	21.03	--	28.63	7.60	
MW-20	26-Oct-09	ND	21.61	--	28.63	7.02	
MW-20	21-Apr-10	ND	18.07	--	28.63	10.56	
MW-20	19-Jul-10	ND	16.53	--	28.63	12.10	
MW-20	15-Oct-10	ND	22.01	--	28.63	6.62	
MW-20	11-Jan-11	ND	23.15	--	28.63	5.48	
MW-20	25-Apr-11	ND	23.55	--	28.63	5.08	
MW-20	22-Jul-11	ND	23	--	28.63	5.63	
MW-20	18-Oct-11	ND	20.89	--	28.63	7.74	
MW-20	16-Jan-12	ND	22.41	--	28.63	6.22	
MW-20	12-Apr-12	ND	23.3	--	28.63	5.33	
MW-20	11-Jul-12	ND	24.02	--	28.63	4.61	
MW-20	23-Oct-12	ND	24.56	--	28.63	4.07	
MW-20	18-Jan-13	ND	25.25	--	28.63	3.38	
MW-20	18-Apr-13	ND	24.52	--	28.63	4.11	
MW-20	15-Jul-13	ND	23.65	--	28.63	4.98	
MW-20	28-Oct-13	ND	24.3	--	28.63	4.33	
MW-20	27-Jan-14	ND	25.43	--	28.63	3.20	
MW-20	7-Apr-14	ND	25.3	--	28.63	3.33	
MW-20	18-Jul-14	ND	23	--	28.63	5.63	
MW-20	15-Oct-14	ND	23.92	--	28.63	4.71	
MW-20	4-Feb-15	ND	23.2	--	28.63	5.43	
MW-20	29-Apr-15	ND	23.2	--	28.63	5.43	
MW-20	14-Jul-15	ND	23.28	--	28.63	5.35	
MW-20	13-Oct-15	ND	24.2	--	28.63	4.43	
MW-20	9-Nov-15	ND	24.75	--	28.63	3.88	
MW-20	4-Feb-16	ND	25.34	--	28.63	3.29	
MW-20	11-May-16	ND	25.15	--	28.63	3.48	
MW-20	23-Aug-16	ND	25.27	--	28.63	3.36	
MW-20	10-Nov-16	ND	25.72	--	28.63	2.91	
MW-20	24-Feb-17	ND	26.05	--	28.63	2.58	
MW-20	1-May-17	ND	25.03	--	28.63	3.60	
MW-20	14-Aug-17	ND	23.74	--	28.63	4.89	
MW-20	14-Nov-17	ND	24.63	--	28.63	4.00	
MW-20	27-Feb-18	ND	25.39	--	28.63	3.24	
MW-21	29-Jul-09	ND	14.37	--	16.63	2.26	
MW-21	26-Oct-09	ND	14.1	--	16.63	2.53	
MW-21	21-Apr-10	ND	13.79	--	16.63	2.84	
MW-21	19-Jul-10	ND	14.19	--	16.63	2.44	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-21	15-Oct-10	ND	14.33	--	16.63	2.30	
MW-21	11-Jan-11	ND	15.04	--	16.63	1.59	
MW-21	25-Apr-11	ND	14.84	--	16.63	1.79	
MW-21	22-Jul-11	ND	18.61	--	16.63	-1.98	
MW-21	18-Oct-11	ND	13.6	--	16.63	3.03	
MW-21	16-Jan-12	ND	14.58	--	16.63	2.05	
MW-21	12-Apr-12	ND	14.62	--	16.63	2.01	
MW-21	11-Jul-12	ND	14.65	--	16.63	1.98	
MW-21	23-Oct-12	ND	14.85	--	16.63	1.78	
MW-21	18-Jan-13	ND	15.07	--	16.63	1.56	
MW-21	18-Apr-13	ND	15.14	--	16.63	1.49	
MW-21	15-Jul-13	ND	14.67	--	16.63	1.96	
MW-21	28-Oct-13	ND	15.12	--	16.63	1.51	
MW-21	27-Jan-14	ND	15.52	--	16.63	1.11	
MW-21	7-Apr-14	ND	15.37	--	16.63	1.26	
MW-21	18-Jul-14	ND	14.6	--	16.63	2.03	
MW-21	15-Oct-14	ND	14.78	--	16.63	1.85	
MW-21	4-Feb-15	ND	14.91	--	16.63	1.72	
MW-21	29-Apr-15	ND	14.33	--	16.63	2.30	
MW-21	14-Jul-15	ND	14.11	--	16.63	2.52	
MW-21	13-Oct-15	ND	14.35	--	16.63	2.28	
MW-21	9-Nov-15	ND	14.73	--	16.63	1.90	
MW-21	4-Feb-16	ND	14.88	--	16.63	1.75	
MW-21	11-May-16	ND	15.11	--	16.63	1.52	
MW-21	23-Aug-16	ND	15.11	--	16.63	1.52	
MW-21	10-Nov-16	ND	14.74	--	16.63	1.89	
MW-21	24-Feb-17	ND	15.11	--	16.63	1.52	
MW-21	1-May-17	ND	14.97	--	16.63	1.66	
MW-21	14-Aug-17	ND	14.73	--	16.63	1.90	
MW-21	14-Nov-17	ND	14.5	--	16.63	2.13	
MW-21	27-Feb-18	ND	14.78	--	16.63	1.85	
MW-22	29-Jul-09	25.79	27.2	1.41	29.36	3.42	
MW-22	26-Oct-09	26.15	28.4	2.25	29.36	2.97	
MW-22	21-Apr-10	NM	NM	NM	29.36	NM	Well inaccessible
MW-22	19-Jul-10	25.47	26.97	1.50	29.36	3.73	
MW-22	15-Oct-10	25.87	27.41	1.54	29.36	3.33	
MW-22	11-Jan-11	26.93	29.7	2.77	29.36	2.14	
MW-22	25-Apr-11	26.49	28.04	1.55	29.36	2.71	
MW-22	22-Jul-11	26.12	27.52	1.40	29.36	3.09	
MW-22	18-Oct-11	24.89	25.91	1.02	29.36	4.36	
MW-22	16-Jan-12	25.91	27.53	1.62	29.36	3.28	
MW-22	12-Apr-12	26.20	28.05	1.85	29.36	2.97	
MW-22	11-Jul-12	26.35	28.95	2.60	29.36	2.74	
MW-22	23-Oct-12	26.51	28.93	2.42	29.36	2.59	
MW-22	18-Jan-13	27.40	29.5	2.10	29.36	1.74	
MW-22	18-Apr-13	27.00	28.8	1.80	29.36	2.17	
MW-22	15-Jul-13	26.50	28	1.50	29.36	2.70	
MW-22	28-Oct-13	26.71	29.05	2.34	29.36	2.40	
MW-22	27-Jan-14	22.25	30.04	7.79	29.36	6.29	
MW-22	7-Apr-14	27.12	29.02	1.90	29.36	2.04	
MW-22	18-Jul-14	26.12	27.6	1.48	29.36	3.08	
MW-22	15-Oct-14	26.52	28.4	1.88	29.36	2.64	
MW-22	4-Feb-15	26.80	29.13	2.33	29.36	2.31	
MW-22	29-Apr-15	26.54	27.1	0.56	29.36	2.76	
MW-22	14-Jul-15	26.19	28.26	2.07	29.36	2.95	
MW-22	13-Oct-15	26.57	27.32	0.75	29.36	2.71	
MW-22	9-Nov-15	26.95	28.48	1.53	29.36	2.25	
MW-22	4-Feb-16	27.37	28.25	0.88	29.36	1.90	
MW-22	11-May-16	ND	28.35	--	29.36	1.01	
MW-22	23-Aug-16	27.31	28.46	1.15	29.36	1.93	
MW-22	10-Nov-16	27.45	28.15	0.70	29.36	1.84	
MW-22	24-Feb-17	27.63	29.5	1.87	29.36	1.53	
MW-22	1-May-17	27.36	27.78	0.42	29.36	1.96	
MW-22	14-Aug-17	27.11	27.66	0.55	29.36	2.19	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-22	14-Nov-17	27.24	27.74	0.50	29.36	2.07	
MW-22	27-Feb-18	27.62	28.4	0.78	29.36	1.66	
MW-23	29-Jul-09	17.09	23.85	6.76	19.05	1.25	
MW-23	26-Oct-09	17.76	23.82	6.06	19.05	0.65	
MW-23	21-Apr-10	17.57	22.36	4.79	19.05	0.98	
MW-23	19-Jul-10	17.40	23.81	6.41	19.05	0.98	
MW-23	15-Oct-10	17.58	23.13	5.55	19.05	0.89	
MW-23	11-Jan-11	19.26	23.93	4.67	19.05	-0.70	
MW-23	25-Apr-11	18.86	23.7	4.84	19.05	-0.32	
MW-23	22-Jul-11	18.36	23.54	5.18	19.05	0.15	
MW-23	18-Oct-11	17.59	23.56	5.97	19.05	0.83	
MW-23	16-Jan-12	19.03	22.13	3.10	19.05	-0.31	
MW-23	12-Apr-12	18.82	23.4	4.58	19.05	-0.25	
MW-23	11-Jul-12	17.76	22.1	4.34	19.05	0.83	
MW-23	23-Oct-12	17.75	22.05	4.30	19.05	0.85	
MW-23	18-Jan-13	19.20	23.4	4.20	19.05	-0.59	
MW-23	18-Apr-13	19.34	23.5	4.16	19.05	-0.73	
MW-23	15-Jul-13	18.91	23.4	4.49	19.05	-0.33	
MW-23	28-Oct-13	19.16	23.44	4.28	19.05	-0.56	
MW-23	27-Jan-14	19.28	23.5	4.22	19.05	-0.67	
MW-23	7-Apr-14	18.40	23.36	4.96	19.05	0.13	
MW-23	18-Jul-14	18.35	23.4	5.05	19.05	0.17	
MW-23	15-Oct-14	18.72	23.4	4.68	19.05	-0.16	
MW-23	4-Feb-15	18.78	23.37	4.59	19.05	-0.21	
MW-23	29-Apr-15	18.65	23.35	4.70	19.05	-0.09	
MW-23	14-Jul-15	17.73	23.02	5.29	19.05	0.77	
MW-23	13-Oct-15	18.06	23.4	5.34	19.05	0.43	
MW-23	9-Nov-15	18.69	23.41	4.72	19.05	-0.14	
MW-23	4-Feb-16	18.94	23.03	4.09	19.05	-0.32	
MW-23	11-May-16	19.95	23.27	3.32	19.05	-1.25	
MW-23	23-Aug-16	19.05	23.43	4.38	19.05	-0.46	
MW-23	10-Nov-16	18.92	23.48	4.56	19.05	-0.35	
MW-23	24-Feb-17	19.42	23.55	4.13	19.05	-0.80	
MW-23	1-May-17	19.00	23.1	4.10	19.05	-0.38	
MW-23	14-Aug-17	18.45	23.39	4.94	19.05	0.08	
MW-23	14-Nov-17	18.61	23.42	4.81	19.05	-0.06	
MW-23	27-Feb-18	18.90	23.4	4.50	19.05	-0.32	
MW-24	29-Jul-09	15.20	24.1	8.90	17.56	1.43	
MW-24	26-Oct-09	15.79	24.25	8.46	17.56	0.88	
MW-24	21-Apr-10	15.10	22.6	7.50	17.56	1.67	
MW-24	19-Jul-10	15.12	24.03	8.91	17.56	1.51	
MW-24	15-Oct-10	15.55	24.46	8.91	17.56	1.08	
MW-24	11-Jan-11	17.31	24.79	7.48	17.56	-0.53	
MW-24	25-Apr-11	16.66	24.1	7.44	17.56	0.12	
MW-24	22-Jul-11	16.11	23.85	7.74	17.56	0.64	
MW-24	18-Oct-11	15.10	23.31	8.21	17.56	1.60	
MW-24	16-Jan-12	14.70	22.68	7.98	15.94	0.40	
MW-24	12-Apr-12	15.00	22.31	7.31	15.94	0.17	
MW-24	11-Jul-12	14.92	21.5	6.58	15.94	0.33	
MW-24	23-Oct-12	15.00	22.6	7.60	15.94	0.14	
MW-24	18-Jan-13	14.53	23	8.47	15.94	0.52	
MW-24	18-Apr-13	16.10	17.97	1.87	15.94	-0.36	
MW-24	15-Jul-13	15.35	19.7	4.35	15.94	0.13	
MW-24	28-Oct-13	15.60	22.45	6.85	15.94	-0.38	
MW-24	27-Jan-14	15.65	23	7.35	15.94	-0.48	
MW-24	7-Apr-14	15.45	22.07	6.62	15.94	-0.20	
MW-24	18-Jul-14	14.60	22	7.40	15.94	0.56	
MW-24	15-Oct-14	15.60	19	3.40	15.94	-0.02	
MW-24	4-Feb-15	15.25	22.5	7.25	15.94	-0.07	System off
MW-24	29-Apr-15	15.68	16.74	1.06	15.94	0.15	System on
MW-24	14-Jul-15	14.25	21.61	7.36	15.94	0.92	System off
MW-24	13-Oct-15	14.63	21.92	7.29	15.94	0.55	System off
MW-24	10-Nov-15	14.99	22.48	7.49	15.94	0.16	System off

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-24	4-Feb-16	15.65	19.73	4.08	15.94	-0.14	System on
MW-24	11-May-16	15.59	20.94	5.35	15.94	-0.21	System on
MW-24	23-Aug-16	16.08	16.89	0.81	15.94	-0.22	System on
MW-24	10-Nov-16	15.32	20.4	5.08	15.94	0.09	System on
MW-24	24-Feb-17	16.05	20.4	4.35	15.94	-0.57	System on
MW-24	1-May-17	15.66	18.78	3.12	15.94	-0.05	System on
MW-24	14-Aug-17	15.01	17.63	2.62	15.94	0.66	System on
MW-24	14-Nov-17	15.38	17.21	1.83	15.94	0.37	System on
MW-24	27-Feb-18	15.46	15.64	0.18	15.94	0.46	System on
MW-25	22-Jul-11	ND	6.88	--	5.85	-1.03	
MW-25	18-Oct-11	ND	5.7	--	5.85	0.15	
MW-25	16-Jan-12	ND	6.3	--	5.85	-0.45	
MW-25	12-Apr-12	ND	6.72	--	5.85	-0.87	
MW-25	11-Jul-12	ND	6.65	--	5.85	-0.80	
MW-25	23-Oct-12	ND	6.61	--	5.85	-0.76	
MW-25	18-Jan-13	ND	6.16	--	5.85	-0.31	
MW-25	18-Apr-13	ND	6.74	--	5.85	-0.89	
MW-25	15-Jul-13	ND	6.52	--	5.85	-0.67	
MW-25	28-Oct-13	ND	6.19	--	5.85	-0.34	
MW-25	27-Jan-14	ND	6.75	--	5.85	-0.90	
MW-25	7-Apr-14	ND	6.78	--	5.85	-0.93	
MW-25	18-Jul-14	ND	6.32	--	5.85	-0.47	
MW-25	15-Oct-14	ND	5.42	--	5.85	0.43	
MW-25	4-Feb-15	ND	5.35	--	5.85	0.50	
MW-25	29-Apr-15	ND	5.45	--	5.85	0.40	
MW-25	14-Jul-15	ND	3.55	--	5.55	2.00	
MW-25	13-Oct-15	ND	3.55	--	5.55	2.00	
MW-25	9-Nov-15	ND	6.25	--	5.55	-0.70	
MW-25	4-Feb-16	ND	5.63	--	5.55	-0.08	
MW-25	11-May-16	NM	NM	NM	5.55	NM	Well abandoned
MW-26	22-Jul-11	ND	8.27	--	6.34	-1.93	
MW-26	18-Oct-11	ND	7.2	--	6.34	-0.86	
MW-26	16-Jan-12	ND	6.54	--	6.34	-0.20	
MW-26	12-Apr-12	ND	8.21	--	6.34	-1.87	
MW-26	11-Jul-12	ND	7.71	--	6.34	-1.37	
MW-26	23-Oct-12	ND	7.7	--	6.34	-1.36	
MW-26	18-Jan-13	ND	7.42	--	6.34	-1.08	
MW-26	18-Apr-13	ND	8	--	6.34	-1.66	
MW-26	15-Jul-13	ND	8.01	--	6.34	-1.67	
MW-26	28-Oct-13	ND	7.13	--	6.34	-0.79	
MW-26	27-Jan-14	ND	7.58	--	6.34	-1.24	
MW-26	7-Apr-14	ND	7.94	--	6.34	-1.60	
MW-26	18-Jul-14	ND	7.92	--	6.34	-1.58	
MW-26	15-Oct-14	ND	6.64	--	6.34	-0.30	
MW-26	4-Feb-15	ND	6.04	--	6.34	0.30	
MW-26	29-Apr-15	ND	5.81	--	6.34	0.53	
MW-26	14-Jul-15	ND	5.1	--	6.34	1.24	
MW-26	13-Oct-15	ND	4.4	--	6.34	1.94	
MW-26	9-Nov-15	ND	5.93	--	6.34	0.41	
MW-26	4-Feb-16	ND	4.45	--	6.34	1.89	
MW-26	11-May-16	NM	NM	NM	6.34	NM	Well abandoned
MW-27	22-Jul-11	ND	8.11	--	6.17	-1.94	
MW-27	18-Oct-11	ND	6.94	--	6.17	-0.77	
MW-27	16-Jan-12	ND	7.78	--	6.17	-1.61	
MW-27	12-Apr-12	8.40	8.42	0.02	6.17	-2.23	
MW-27	11-Jul-12	8.10	8.12	0.02	6.17	-1.93	
MW-27	23-Oct-12	ND	8.12	--	6.17	-1.95	
MW-27	18-Jan-13	7.97	7.98	0.01	6.17	-1.80	
MW-27	18-Apr-13	8.02	8.15	0.13	6.17	-1.86	
MW-27	15-Jul-13	7.80	7.81	0.01	6.17	-1.63	
MW-27	28-Oct-13	7.20	7.23	0.03	6.17	-1.03	
MW-27	27-Jan-14	8.05	8.35	0.30	6.17	-1.91	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-27	7-Apr-14	8.10	8.58	0.48	6.17	-1.98	
MW-27	18-Jul-14	7.76	7.78	0.02	6.17	-1.59	
MW-27	15-Oct-14	ND	6.52	--	6.17	-0.35	
MW-27	4-Feb-15	NM	NM	NM	6.17	NM	Unable to locate
MW-27	29-Apr-15	ND	7.84	--	6.17	-1.67	
MW-27	14-Jul-15	7.50	8.41	0.91	6.17	-1.42	
MW-27	13-Oct-15	ND	3.47	--	6.17	2.70	
MW-27	9-Nov-15	8.17	8.41	0.24	6.17	-2.02	
MW-27	4-Feb-16	8.16	8.33	0.17	6.17	-2.01	
MW-27	11-May-16	8.76	8.83	0.07	6.17	-2.60	
MW-27	23-Aug-16	8.27	8.41	0.14	6.17	-2.11	
MW-27	10-Nov-16	7.20	7.22	0.02	6.17	-1.03	
MW-27	24-Feb-17	8.05	8.48	0.43	6.17	-1.92	
MW-27	1-May-17	8.18	8.25	0.07	6.17	-2.02	
MW-27	14-Aug-17	8.00	8.01	0.01	6.17	-1.83	
MW-27	14-Nov-17	7.32	7.34	0.02	6.17	-1.15	
MW-27	27-Feb-18	8.54	8.55	0.01	6.17	-2.37	
MW-28	22-Jul-11	6.30	6.32	0.02	8.52	2.22	
MW-28	18-Oct-11	5.97	6.07	0.10	8.52	2.54	
MW-28	16-Jan-12	7.15	7.2	0.05	8.52	1.37	
MW-28	12-Apr-12	7.26	7.28	0.02	8.52	1.26	
MW-28	11-Jul-12	6.41	8.8	2.39	8.52	1.88	
MW-28	23-Oct-12	7.02	7.19	0.17	8.52	1.48	
MW-28	18-Jan-13	6.81	6.98	0.17	8.52	1.69	
MW-28	18-Apr-13	6.98	7.1	0.12	8.52	1.53	
MW-28	15-Jul-13	6.75	6.78	0.03	8.52	1.77	
MW-28	28-Oct-13	7.30	7.49	0.19	8.52	1.20	
MW-28	27-Jan-14	7.08	8.05	0.97	8.52	1.35	
MW-28	7-Apr-14	6.58	7.25	0.67	8.52	1.88	
MW-28	18-Jul-14	6.46	6.55	0.09	8.52	2.05	
MW-28	15-Oct-14	ND	6.74	--	8.52	1.78	
MW-28	4-Feb-15	NM	NM	NM	8.52	NM	Under road plate
MW-28	29-Apr-15	NM	NM	NM	8.52	NM	Under container
MW-28	14-Jul-15	ND	6.67	--	10.92	4.25	
MW-28	13-Oct-15	7.20	7.3	0.10	10.92	3.71	
MW-28	9-Nov-15	7.95	8.04	0.09	10.92	2.96	
MW-28	4-Feb-16	ND	7.31	--	10.92	3.61	
MW-28	11-May-16	ND	7.13	--	10.92	3.79	
MW-28	23-Aug-16	ND	7.14	--	10.92	3.78	
MW-28	10-Nov-16	ND	6.98	--	10.92	3.94	
MW-28	24-Feb-17	ND	7.01	--	10.92	3.91	
MW-28	1-May-17	ND	6.64	--	10.92	4.28	
MW-28	14-Aug-17	ND	6.68	--	10.92	4.24	
MW-28	14-Nov-17	ND	7.39	--	10.92	3.53	
MW-28	27-Feb-18	ND	6.63	--	10.92	4.29	
MW-28D	11-Jul-12	ND	8.11	--	8.92	0.81	
MW-28D	23-Oct-12	ND	10.23	--	8.92	-1.31	
MW-28D	18-Jan-13	ND	8.94	--	8.92	-0.02	
MW-28D	18-Apr-13	ND	8.7	--	8.92	0.22	
MW-28D	15-Jul-13	ND	8.34	--	8.92	0.58	
MW-28D	28-Oct-13	7.30	7.49	0.19	8.92	1.60	
MW-28D	27-Jan-14	ND	8.53	--	8.92	0.39	
MW-28D	7-Apr-14	ND	8.27	--	8.92	0.65	
MW-28D	18-Jul-14	ND	7.85	--	8.92	1.07	
MW-28D	15-Oct-14	ND	8.54	--	8.92	0.38	
MW-28D	4-Feb-15	ND	8.11	--	8.92	0.81	
MW-28D	29-Apr-15	ND	8.1	--	8.92	0.82	
MW-28D	14-Jul-15	ND	8.97	--	11.13	2.16	
MW-28D	13-Oct-15	ND	9.4	--	11.13	1.73	
MW-28D	9-Nov-15	ND	10.5	--	11.13	0.63	
MW-28D	4-Feb-16	ND	1.46	--	11.13	9.67	
MW-28D	11-May-16	ND	2.03	--	11.13	9.10	
MW-28D	23-Aug-16	ND	9.19	--	11.13	1.94	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-28D	10-Nov-16	ND	7.63	--	11.13	3.50	
MW-28D	24-Feb-17	ND	10.4	--	11.13	0.73	
MW-28D	1-May-17	ND	1.96	--	11.13	9.17	
MW-28D	14-Aug-17	ND	6.05	--	11.13	5.08	
MW-28D	14-Nov-17	ND	9.5	--	11.13	1.63	
MW-28D	27-Feb-18	ND	1.7	--	11.13	9.43	
MW-29	22-Jul-11	ND	5.94	--	8.95	3.01	
MW-29	18-Oct-11	ND	5.7	--	8.95	3.25	
MW-29	16-Jan-12	ND	6.52	--	8.95	2.43	
MW-29	12-Apr-12	ND	6.65	--	8.95	2.30	
MW-29	11-Jul-12	ND	6.2	--	8.95	2.75	
MW-29	23-Oct-12	ND	6.26	--	8.95	2.69	
MW-29	18-Jan-13	ND	6.51	--	8.95	2.44	
MW-29	18-Apr-13	NM	NM	NM	8.95	NM	Under vehicle
MW-29	15-Jul-13	ND	6.29	--	8.95	2.66	
MW-29	28-Oct-13	NM	NM	NM	8.95	NM	Well inaccessible
MW-29	27-Jan-14	NM	NM	NM	8.95	NM	Well inaccessible
MW-29	7-Apr-14	ND	6.27	--	8.95	2.68	
MW-29	18-Jul-14	ND	6.07	--	8.95	2.88	
MW-29	4-Feb-15	ND	5.79	--	8.95	3.16	
MW-29	29-Apr-15	ND	5.44	--	8.95	3.51	
MW-29	14-Jul-15	ND	4.71	--	8.95	4.24	
MW-29	13-Oct-15	ND	5.15	--	8.95	3.80	
MW-29	9-Nov-15	ND	5.65	--	8.95	3.30	
MW-29	4-Feb-16	ND	5.06	--	8.95	3.89	
MW-29	11-May-16	ND	5.17	--	8.95	3.78	
MW-29	23-Aug-16	ND	5.05	--	8.95	3.90	
MW-29	24-Feb-17	ND	5.11	--	8.95	3.84	
MW-29	1-May-17	ND	4.8	--	8.95	4.15	
MW-29	14-Aug-17	ND	4.83	--	8.95	4.12	
MW-29	14-Nov-17	ND	5.41	--	8.95	3.54	
MW-29	27-Feb-18	ND	4.77	--	8.95	4.18	
MW-30	22-Jul-11	5.37	6.27	0.90	7.16	1.71	
MW-30	18-Oct-11	4.85	5.82	0.97	7.16	2.23	
MW-30	16-Jan-12	6.04	6.9	0.86	7.16	1.05	
MW-30	12-Apr-12	6.20	6.24	0.04	7.16	0.96	
MW-30	11-Jul-12	5.70	6.6	0.90	7.16	1.38	
MW-30	23-Oct-12	6.00	6.55	0.55	7.16	1.11	
MW-30	18-Jan-13	5.70	6.05	0.35	7.16	1.43	
MW-30	18-Apr-13	5.94	6.35	0.41	7.16	1.19	
MW-30	15-Jul-13	5.72	5.85	0.13	7.16	1.43	
MW-30	28-Oct-13	6.05	6.98	0.93	7.16	1.03	
MW-30	27-Jan-14	6.18	7.77	1.59	7.16	0.85	
MW-30	7-Apr-14	5.87	6.58	0.71	7.16	1.23	
MW-30	18-Jul-14	5.70	5.71	0.01	7.16	1.46	
MW-30	15-Oct-14	6.22	6.35	0.13	7.16	0.93	
MW-30	4-Feb-15	NM	NM	NM	7.16	NM	Under pallet
MW-30	29-Apr-15	ND	5.2	--	7.16	1.96	
MW-30	14-Jul-15	3.87	4.49	0.62	7.16	3.24	
MW-30	13-Oct-15	4.80	5.13	0.33	7.16	2.33	
MW-30	9-Nov-15	ND	5.46	--	7.16	1.70	
MW-30	4-Feb-16	ND	4.31	--	7.16	2.85	
MW-30	11-May-16	4.16	4.47	0.31	7.16	2.97	
MW-30	23-Aug-16	4.27	4.79	0.52	7.16	2.85	
MW-30	10-Nov-16	4.21	4.41	0.20	7.16	2.93	
MW-30	24-Feb-17	3.88	4.72	0.84	7.16	3.21	
MW-30	1-May-17	3.59	4.02	0.43	7.16	3.53	
MW-30	14-Aug-17	3.87	5	1.13	7.16	3.19	
MW-30	14-Nov-17	4.57	5.45	0.88	7.16	2.52	
MW-30	27-Feb-18	4.01	4.9	0.89	7.16	3.07	
MW-31	22-Jul-11	ND	1.86	--	4.42	2.56	
MW-31	18-Oct-11	ND	1.71	--	4.42	2.71	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-31	19-Jan-12	ND	2.29	--	4.42	2.13	Inaccessible 1/16/12
MW-31	12-Apr-12	NM	NM	NM	4.42	NM	Well inaccessible
MW-31	12-Jul-12	ND	2.07	--	4.42	2.35	
MW-31	23-Oct-12	ND	2.92	--	4.42	1.50	
MW-31	18-Jan-13	ND	1.7	--	4.42	2.72	
MW-31	18-Apr-13	4.64	5.03	0.39	4.42	-0.26	
MW-31	15-Jul-13	ND	2.03	--	4.42	2.39	
MW-31	28-Oct-13	ND	2.72	--	4.42	1.70	
MW-31	27-Jan-14	ND	2.17	--	4.42	2.25	
MW-31	7-Apr-14	NM	NM	NM	4.42	NM	Well inaccessible
MW-31	18-Jul-14	ND	2.04	--	4.42	2.38	
MW-31	4-Feb-15	ND	1.61	--	4.42	2.81	
MW-31	29-Apr-15	NM	NM	NM	4.42	NM	Under vehicle
MW-31	14-Jul-15	ND	0.81	--	4.42	3.61	
MW-31	13-Oct-15	NM	NM	NM	4.42	NM	Under vehicle
MW-31	9-Nov-15	ND	1.55	--	4.42	2.87	
MW-31	4-Feb-16	NM	NM	NM	4.42	NM	Under warehouse supplies
MW-31	11-May-16	ND	1.46	--	4.42	2.96	
MW-31	23-Aug-16	ND	0.98	--	4.42	3.44	
MW-31	10-Nov-16	ND	1.2	--	4.42	3.22	
MW-31	24-Feb-17	ND	0.86	--	4.42	3.56	
MW-31	1-May-17	ND	0.83	--	4.42	3.59	
MW-31	14-Aug-17	ND	0.76	--	4.42	3.66	
MW-31	14-Nov-17	ND	1.86	--	4.42	2.56	
MW-31	27-Feb-18	NM	NM	NM	4.42	NM	Covered
MW-32	22-Jul-11	6.92	6.93	0.01	5.84	-1.08	
MW-32	18-Oct-11	6.04	6.07	0.03	5.84	-0.20	
MW-32	16-Jan-12	6.60	6.8	0.20	5.84	-0.78	
MW-32	12-Apr-12	6.90	6.92	0.02	5.84	-1.06	
MW-32	11-Jul-12	6.35	6.6	0.25	5.84	-0.53	
MW-32	23-Oct-12	6.41	6.51	0.10	5.84	-0.58	
MW-32	18-Jan-13	6.47	6.49	0.02	5.84	-0.63	
MW-32	18-Apr-13	6.92	6.96	0.04	5.84	-1.08	
MW-32	15-Jul-13	7.46	7.49	0.03	5.84	-1.62	
MW-32	28-Oct-13	6.20	6.95	0.75	5.84	-0.43	
MW-32	27-Jan-14	6.90	7.7	0.80	5.84	-1.14	
MW-32	7-Apr-14	7.03	7.25	0.22	5.84	-1.21	
MW-32	18-Jul-14	ND	6.85	--	5.84	-1.01	
MW-32	15-Oct-14	ND	6.42	--	5.84	-0.58	
MW-32	4-Feb-15	NM	NM	NM	5.84	NM	Unable to locate
MW-32	29-Apr-15	ND	6.9	--	5.84	-1.06	
MW-32	14-Jul-15	ND	5.52	--	6	0.48	
MW-32	13-Oct-15	ND	3.91	--	6	2.09	
MW-32	9-Nov-15	ND	6.76	--	6	-0.76	
MW-32	4-Feb-16	ND	6.01	--	6	-0.01	
MW-32	11-May-16	NM	NM	NM	6	NM	Well abandoned
MW-33	22-Jul-11	4.24	4.98	0.74	5.7	1.39	
MW-33	18-Oct-11	3.79	5.97	2.18	5.7	1.70	
MW-33	16-Jan-12	4.79	7	2.21	5.7	0.70	
MW-33	12-Apr-12	4.93	5.4	0.47	5.7	0.73	
MW-33	11-Jul-12	4.48	6	1.52	5.7	1.08	
MW-33	23-Oct-12	4.87	5.5	0.63	5.7	0.77	
MW-33	18-Jan-13	4.50	4.69	0.19	5.7	1.18	
MW-33	18-Apr-13	4.71	4.9	0.19	5.7	0.97	
MW-33	15-Jul-13	4.48	4.8	0.32	5.7	1.19	
MW-33	28-Oct-13	4.86	5.57	0.71	5.7	0.77	
MW-33	27-Jan-14	4.87	5.8	0.93	5.7	0.74	
MW-33	7-Apr-14	4.65	5.03	0.38	5.7	1.01	
MW-33	18-Jul-14	ND	4.35	--	5.7	1.35	
MW-33	15-Oct-14	4.42	4.45	0.03	5.7	1.28	
MW-33	4-Feb-15	4.19	4.9	0.71	5.7	1.44	
MW-33	29-Apr-15	3.71	3.9	0.19	5.7	1.97	
MW-33	14-Jul-15	2.67	2.97	0.30	5.65	2.95	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-33	13-Oct-15	2.70	3.3	0.60	5.65	2.89	
MW-33	10-Nov-15	3.33	3.9	0.57	5.65	2.27	
MW-33	4-Feb-16	ND	4.2	--	5.65	1.45	
MW-33	11-May-16	3.85	3.97	0.12	5.65	1.79	
MW-33	23-Aug-16	4.85	6.33	1.48	5.65	0.66	
MW-33	10-Nov-16	2.77	4.21	1.44	5.65	2.74	
MW-33	24-Feb-17	2.62	3.34	0.72	5.65	2.96	
MW-33	1-May-17	2.39	3.4	1.01	5.65	3.16	
MW-33	14-Aug-17	2.90	4.15	1.25	5.65	2.63	
MW-33	14-Nov-17	2.95	4.39	1.44	5.65	2.56	
MW-33	27-Feb-18	2.64	2.79	0.15	5.65	3.00	
MW-34	11-Jul-12	8.00	8.19	0.19	7	-1.02	
MW-34	23-Oct-12	7.11	7.6	0.49	7	-0.16	
MW-34	18-Jan-13	7.77	8.1	0.33	7	-0.80	
MW-34	18-Apr-13	7.62	7.7	0.08	7	-0.63	
MW-34	15-Jul-13	7.85	7.9	0.05	7	-0.85	
MW-34	28-Oct-13	7.30	7.59	0.29	7	-0.33	
MW-34	27-Jan-14	NM	NM	NM	7	NM	Well inaccessible
MW-34	7-Apr-14	7.20	7.33	0.13	7	-0.21	
MW-34	18-Jul-14	7.26	7.55	0.29	7	-0.29	
MW-34	15-Oct-14	NM	NM	NM	7	NM	Under asphalt
MW-34	4-Feb-15	NM	NM	NM	7	NM	Unable to locate
MW-34	29-Apr-15	NM	NM	NM	7	NM	Unable to locate
MW-34	14-Jul-15	NM	NM	NM	7	NM	Destroyed during WM Construction
MW-35	11-Jul-12	7.45	7.47	0.02	6.95	-0.50	
MW-35	23-Oct-12	NM	NM	NM	6.95	NM	Well inaccessible
MW-35	18-Jan-13	7.36	7.37	0.01	6.95	-0.41	
MW-35	18-Apr-13	ND	6.84	--	6.95	0.11	
MW-35	15-Jul-13	ND	7.64	--	6.95	-0.69	Trace NAPL
MW-35	28-Oct-13	NM	NM	NM	6.95	NM	Well inaccessible
MW-35	27-Jan-14	NM	NM	NM	6.95	NM	Well inaccessible
MW-35	7-Apr-14	NM	NM	NM	6.95	NM	Well inaccessible
MW-35	18-Jul-14	NM	NM	NM	6.95	NM	Well inaccessible
MW-35	15-Oct-14	ND	9.2	--	6.95	-2.25	
MW-35	4-Feb-15	NM	NM	NM	6.95	NM	Unable to locate
MW-35	29-Apr-15	NM	NM	NM	6.95	NM	Unable to locate
MW-35	14-Jul-15	NM	NM	NM	6.95	NM	Unable to locate
MW-35	13-Oct-15	NM	NM	NM	6.95	NM	Unable to locate
MW-35	9-Nov-15	NM	NM	NM	6.95	NM	Unable to locate
MW-35	4-Feb-16	NM	NM	NM	6.95	NM	Unable to locate
MW-35	11-May-16	NM	NM	NM	6.95	NM	Covered during WM Construction
MW-36	11-Jul-12	ND	7.9	--	8.99	1.09	
MW-36	23-Oct-12	5.93	6.11	0.18	8.99	3.04	
MW-36	18-Jan-13	NM	NM	NM	8.99	NM	Well inaccessible
MW-36	18-Apr-13	NM	NM	NM	8.99	NM	Unable to locate
MW-36	15-Jul-13	ND	8.14	--	8.99	0.85	
MW-36	28-Oct-13	8.20	8.24	0.04	8.99	0.79	
MW-36	27-Jan-14	ND	8.44	--	8.99	0.55	
MW-36	7-Apr-14	ND	8.22	--	8.99	0.77	
MW-36	18-Jul-14	ND	7.55	--	8.99	1.44	
MW-36	15-Oct-14	NM	NM	NM	8.99	NM	Under asphalt
MW-36	4-Feb-15	NM	NM	NM	8.99	NM	Unable to locate
MW-36	29-Apr-15	NM	NM	NM	8.99	NM	Unable to locate
MW-36	14-Jul-15	NM	NM	NM	8.99	NM	Destroyed during WM Construction
MW-37	11-Jul-12	NM	NM	NM	13.95	NM	Unable to locate
MW-37	23-Oct-12	ND	11.04	--	13.95	2.91	
MW-37	18-Jan-13	ND	11.08	--	13.95	2.87	
MW-37	18-Apr-13	ND	11.62	--	13.95	2.33	
MW-37	15-Jul-13	ND	11.34	--	13.95	2.61	
MW-37	28-Oct-13	ND	12	--	13.95	1.95	
MW-37	27-Jan-14	ND	11.49	--	13.95	2.46	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-37	7-Apr-14	ND	11.28	--	13.95	2.67	
MW-37	18-Jul-14	NM	NM	NM	13.95	NM	Unable to locate
MW-37	15-Oct-14	ND	11.6	--	13.95	2.35	
MW-37	4-Feb-15	NM	NM	NM	13.95	NM	Unable to locate
MW-37	29-Apr-15	ND	11.15	--	13.95	2.80	
MW-37	14-Jul-15	9.39	9.4	0.01	12.43	3.04	
MW-37	13-Oct-15	ND	8.99	--	12.43	3.44	
MW-37	10-Nov-15	9.72	9.84	0.12	12.43	2.70	
MW-37	4-Feb-16	8.97	8.98	0.01	12.43	3.46	
MW-37	11-May-16	ND	9.34	--	12.43	3.09	
MW-37	23-Aug-16	9.81	9.83	0.02	12.43	2.62	
MW-37	10-Nov-16	9.18	9.19	0.01	12.43	3.25	
MW-37	24-Feb-17	ND	9.47	--	12.43	2.96	
MW-37	1-May-17	ND	8.79	--	12.43	3.64	
MW-37	14-Aug-17	ND	8.5	--	12.43	3.93	
MW-37	14-Nov-17	ND	9.32	--	12.43	3.11	
MW-37	27-Feb-18	ND	8.16	--	12.43	4.27	
MW-38	11-Jul-12	ND	10.17	--	13.97	3.80	
MW-38	23-Oct-12	ND	10.41	--	13.97	3.56	
MW-38	18-Jan-13	ND	10.7	--	13.97	3.27	
MW-38	18-Apr-13	NM	NM	NM	13.97	NM	Under truck
MW-38	15-Jul-13	ND	10.45	--	13.97	3.52	
MW-38	28-Oct-13	NM	NM	NM	13.97	NM	Well inaccessible
MW-38	27-Jan-14	NM	NM	NM	13.97	NM	Well inaccessible
MW-38	7-Apr-14	NM	NM	NM	13.97	NM	Well inaccessible
MW-38	18-Jul-14	NM	NM	NM	13.97	NM	Well inaccessible
MW-38	15-Oct-14	NM	NM	NM	13.97	NM	Under asphalt
MW-38	4-Feb-15	NM	NM	NM	13.97	NM	Unable to locate
MW-38	29-Apr-15	NM	NM	NM	13.97	NM	Unable to locate
MW-38	29-Apr-15	NM	NM	NM	13.97	NM	Unable to locate
MW-38	14-Jul-15	NM	NM	NM	13.97	NM	Unable to locate
MW-38	13-Oct-15	NM	NM	NM	13.97	NM	Unable to locate
MW-38	9-Nov-15	NM	NM	NM	13.97	NM	Unable to locate
MW-38	4-Feb-16	NM	NM	NM	13.97	NM	Unable to locate
MW-38	11-May-16	NM	NM	NM	13.97	NM	Destroyed during WM Construction
MW-39	11-Jul-12	ND	10.26	--	10.26	0.00	
MW-39	23-Oct-12	ND	8.03	--	10.26	2.23	
MW-39	18-Jan-13	6.41	6.42	0.01	10.26	3.85	
MW-39	18-Apr-13	ND	8.32	--	10.26	1.94	
MW-39	15-Jul-13	8.00	8.02	0.02	10.26	2.26	
MW-39	28-Oct-13	8.60	8.65	0.05	10.26	1.66	
MW-39	27-Jan-14	8.16	8.17	0.01	10.26	2.10	
MW-39	7-Apr-14	8.00	8.01	0.01	10.26	2.26	
MW-39	18-Jul-14	ND	7.73	--	10.26	2.53	
MW-39	4-Feb-15	NM	NM	NM	10.26	NM	Unable to locate
MW-39	29-Apr-15	6.49	6.5	0.01	10.26	3.77	
MW-39	14-Jul-15	NM	NM	NM	10.26	NM	Destroyed during WM Construction
MW-40D	11-Jul-12	ND	10.3	--	10.76	0.46	
MW-40D	23-Oct-12	ND	11	--	10.76	-0.24	
MW-40D	18-Jan-13	ND	11.45	--	10.76	-0.69	
MW-40D	18-Apr-13	ND	11.28	--	10.76	-0.52	
MW-40D	15-Jul-13	ND	6.95	--	10.76	3.81	
MW-40D	28-Oct-13	ND	7.4	--	10.76	3.36	
MW-40D	27-Jan-14	ND	11.37	--	10.76	-0.61	
MW-40D	7-Apr-14	ND	11.13	--	10.76	-0.37	
MW-40D	18-Jul-14	ND	10.95	--	10.76	-0.19	
MW-40D	15-Oct-14	NM	NM	NM	10.76	NM	Well inaccessible
MW-40D	4-Feb-15	NM	NM	NM	10.76	NM	Unable to locate
MW-40D	29-Apr-15	NM	NM	NM	10.76	NM	Covered
MW-40D	14-Jul-15	NM	NM	NM	10.76	NM	Destroyed during WM Construction
MW-40S	11-Jul-12	ND	7.59	--	10.78	3.19	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-40S	23-Oct-12	5.30	5.32	0.02	10.78	5.48	
MW-40S	18-Jan-13	8.19	8.2	0.01	10.78	2.59	
MW-40S	18-Apr-13	ND	8.1	--	10.78	2.68	
MW-40S	15-Jul-13	4.74	4.78	0.04	10.78	6.04	
MW-40S	28-Oct-13	ND	7.6	--	10.78	3.18	
MW-40S	27-Jan-14	ND	8.5	--	10.78	2.28	
MW-40S	7-Apr-14	ND	8.49	--	10.78	2.29	
MW-40S	18-Jul-14	ND	8.2	--	10.78	2.58	
MW-40S	15-Oct-14	NM	NM	NM	10.78	NM	Well inaccessible
MW-40S	4-Feb-15	NM	NM	NM	10.78	NM	Unable to locate
MW-40S	29-Apr-15	NM	NM	NM	10.78	NM	Covered
MW-40S	14-Jul-15	NM	NM	NM	10.78	NM	Damaged during WM Construction
MW-41D	11-Jul-12	ND	6.74	--	6.36	-0.38	
MW-41D	23-Oct-12	ND	7.29	--	6.36	-0.93	
MW-41D	18-Jan-13	ND	7.7	--	6.36	-1.34	
MW-41D	18-Apr-13	ND	7.5	--	6.36	-1.14	
MW-41D	15-Jul-13	ND	10.92	--	6.36	-4.56	
MW-41D	28-Oct-13	ND	11.3	--	6.36	-4.94	
MW-41D	27-Jan-14	ND	7.32	--	6.36	-0.96	
MW-41D	7-Apr-14	ND	7.1	--	6.36	-0.74	
MW-41D	18-Jul-14	ND	6.77	--	6.36	-0.41	
MW-41D	15-Oct-14	NM	NM	NM	6.36	NM	Well abandoned
MW-41S	11-Jul-12	ND	3.95	--	6.84	2.89	
MW-41S	23-Oct-12	ND	4.9	--	6.84	1.94	
MW-41S	18-Jan-13	NM	NM	NM	6.84	NM	LNAPL too viscous
MW-41S	18-Apr-13	ND	6.24	--	6.84	0.60	
MW-41S	15-Jul-13	ND	8.02	--	6.84	-1.18	
MW-41S	28-Oct-13	8.25	8.27	0.02	6.84	-1.41	
MW-41S	27-Jan-14	ND	7.52	--	6.84	-0.68	
MW-41S	7-Apr-14	ND	7.28	--	6.84	-0.44	
MW-41S	18-Jul-14	ND	6.6	--	6.84	0.24	
MW-41S	15-Oct-14	NM	NM	NM	6.84	NM	Well removed by WM
MW-42	11-Jul-12	7.55	22	14.45	9.1	0.18	
MW-42	23-Oct-12	7.97	17.03	9.06	9.1	0.27	
MW-42	18-Jan-13	8.70	21.45	12.75	9.1	-0.81	
MW-42	18-Apr-13	8.65	13	4.35	9.1	0.04	
MW-42	15-Jul-13	8.00	23	15.00	9.1	-0.32	
MW-42	28-Oct-13	8.60	22.5	13.90	9.1	-0.82	
MW-42	27-Jan-14	8.33	23	14.67	9.1	-0.62	
MW-42	7-Apr-14	8.20	21.47	13.27	9.1	-0.36	
MW-42	18-Jul-14	7.66	21.2	13.54	9.1	0.15	
MW-42	15-Oct-14	8.03	22.1	14.07	9.1	-0.27	
MW-42	4-Feb-15	12.71	24.22	11.51	13.92	0.12	
MW-42	29-Apr-15	12.61	26.51	13.90	13.92	-0.01	
MW-42	14-Jul-15	11.55	26.39	14.84	13.92	0.96	
MW-42	13-Oct-15	11.90	24.64	12.74	13.92	0.81	
MW-42	9-Nov-15	12.92	25.37	12.45	13.92	-0.18	
MW-42	4-Feb-16	12.94	23.51	10.57	13.92	-0.02	
MW-42	11-May-16	13.30	23.88	10.58	13.92	-0.39	
MW-42	23-Aug-16	13.39	22.28	8.89	13.92	-0.31	
MW-42	10-Nov-16	13.06	22.37	9.31	13.92	-0.02	
MW-42	24-Feb-17	13.76	24.5	10.74	13.92	-0.86	
MW-42	1-May-17	12.97	22.83	9.86	13.92	0.01	
MW-42	14-Aug-17	12.44	24.03	11.59	13.92	0.38	
MW-42	14-Nov-17	12.71	26.23	13.52	13.92	-0.07	
MW-42	27-Feb-18	12.45	24.03	11.58	13.92	0.37	
MW-43	11-Jul-12	ND	4.58	--	7.98	3.40	
MW-43	23-Oct-12	ND	5.4	--	7.98	2.58	
MW-43	18-Jan-13	ND	6.44	--	7.98	1.54	
MW-43	18-Apr-13	ND	5.55	--	7.98	2.43	
MW-43	15-Jul-13	ND	4.84	--	7.98	3.14	
MW-43	28-Oct-13	ND	6.2	--	7.98	1.78	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-43	27-Jan-14	ND	5.06	--	7.98	2.92	
MW-43	7-Apr-14	ND	5.65	--	7.98	2.33	
MW-43	18-Jul-14	ND	5.08	--	7.98	2.90	
MW-43	15-Oct-14	NM	NM	NM	7.98	NM	Under asphalt
MW-43	4-Feb-15	NM	NM	NM	7.98	NM	Unable to locate
MW-43	29-Apr-15	NM	NM	NM	7.98	NM	Unable to locate
MW-43	14-Jul-15	NM	NM	NM	7.98	NM	Destroyed during WM Construction
MW-44	11-Jul-12	ND	3.61	--	8.31	4.70	
MW-44	23-Oct-12	ND	3.5	--	8.31	4.81	
MW-44	18-Jan-13	ND	5.34	--	8.31	2.97	
MW-44	18-Apr-13	ND	4	--	8.31	4.31	
MW-44	15-Jul-13	ND	3.5	--	8.31	4.81	
MW-44	28-Oct-13	5.12	5.13	0.01	8.31	3.19	
MW-44	27-Jan-14	ND	4	--	8.31	4.31	
MW-44	7-Apr-14	ND	3.77	--	8.31	4.54	
MW-44	18-Jul-14	ND	3.44	--	8.31	4.87	
MW-44	4-Feb-15	ND	5.13	--	8.31	3.18	
MW-44	29-Apr-15	ND	5.18	--	8.31	3.13	
MW-44	14-Jul-15	ND	5.21	--	10.44	5.23	
MW-44	13-Oct-15	ND	5.15	--	10.44	5.29	
MW-44	9-Nov-15	ND	6.32	--	10.44	4.12	
MW-44	4-Feb-16	ND	5.03	--	10.44	5.41	
MW-44	11-May-16	ND	5.29	--	10.44	5.15	
MW-44	23-Aug-16	ND	4.09	--	10.44	6.35	
MW-44	10-Nov-16	3.99	4.01	0.02	10.44	6.45	
MW-44	24-Feb-17	ND	4.02	--	10.44	6.42	
MW-44	1-May-17	ND	3.2	--	10.44	7.24	
MW-44	14-Aug-17	ND	3.04	--	10.44	7.40	
MW-44	14-Nov-17	ND	6.11	--	10.44	4.33	Trace Product
MW-44	27-Feb-18	ND	3.79	--	10.44	6.65	
MW-45	11-Jul-12	ND	7.23	--	6.33	-0.90	
MW-45	23-Oct-12	6.74	7.6	0.86	6.33	-0.49	
MW-45	18-Jan-13	7.06	7.07	0.01	6.33	-0.73	
MW-45	18-Apr-13	7.40	7.42	0.02	6.33	-1.07	
MW-45	15-Jul-13	7.32	7.99	0.67	6.33	-1.05	
MW-45	28-Oct-13	6.85	6.95	0.10	6.33	-0.53	
MW-45	27-Jan-14	6.40	6.42	0.02	6.33	-0.07	
MW-45	7-Apr-14	7.18	7.2	0.02	6.33	-0.85	
MW-45	18-Jul-14	7.50	7.51	0.01	6.33	-1.17	
MW-45	15-Oct-14	NM	NM	NM	6.33	NM	Under asphalt
MW-45	4-Feb-15	NM	NM	NM	6.33	NM	Unable to locate
MW-45	29-Apr-15	NM	NM	NM	6.33	NM	Unable to locate
MW-45	14-Jul-15	NM	NM	NM	6.33	NM	Removed during WM Construction
MW-46	11-Jul-12	ND	10.32	--	8.88	-1.44	
MW-46	23-Oct-12	ND	10.15	--	8.88	-1.27	
MW-46	18-Jan-13	ND	9.61	--	8.88	-0.73	
MW-46	18-Apr-13	ND	9.3	--	8.88	-0.42	
MW-46	15-Jul-13	ND	9.97	--	8.88	-1.09	
MW-46	28-Oct-13	ND	9.99	--	8.88	-1.11	
MW-46	27-Jan-14	NM	NM	NM	8.88	NM	LNAPL too viscous
MW-46	7-Apr-14	ND	8.8	--	8.88	0.08	
MW-46	18-Jul-14	ND	9.55	--	8.88	-0.67	
MW-46	15-Oct-14	ND	8.68	--	8.88	0.20	
MW-46	4-Feb-15	NM	NM	NM	8.88	NM	Under beam
MW-46	29-Apr-15	NM	NM	NM	8.88	NM	Unable to locate
MW-46	14-Jul-15	ND	8.65	--	8.52	-0.13	
MW-46	13-Oct-15	ND	6.44	--	8.52	2.08	
MW-46	9-Nov-15	ND	9.79	--	8.52	-1.27	
MW-46	4-Feb-16	ND	9.71	--	8.52	-1.19	
MW-46	11-May-16	ND	10.68	--	8.52	-2.16	
MW-46	23-Aug-16	ND	9.43	--	8.52	-0.91	
MW-46	10-Nov-16	ND	8	--	8.52	0.52	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-46	24-Feb-17	ND	13.91	--	8.52	-5.39	
MW-46	1-May-17	ND	9	--	8.52	-0.48	
MW-46	14-Aug-17	ND	8.42	--	8.52	0.10	
MW-46	14-Nov-17	ND	8.85	--	8.52	-0.33	
MW-46	27-Feb-18	ND	10.22	--	8.52	-1.70	
MW-47	11-Jul-12	4.65	4.7	0.05	8.37	3.72	
MW-47	23-Oct-12	5.00	5.18	0.18	8.37	3.35	
MW-47	18-Jan-13	4.75	NM	NM	8.37	NM	LNAPL too viscous
MW-47	18-Apr-13	5.00	NM	NM	8.37	NM	LNAPL too viscous
MW-47	15-Jul-13	4.80	4.95	0.15	8.37	3.56	
MW-47	28-Oct-13	5.12	5.2	0.08	8.37	3.24	
MW-47	27-Jan-14	NM	NM	NM	8.37	NM	Well inaccessible
MW-47	7-Apr-14	NM	NM	NM	8.37	NM	LNAPL too viscous
MW-47	18-Jul-14	4.65	4.67	0.02	8.37	3.72	
MW-47	15-Oct-14	NM	NM	NM	8.37	NM	Well removed by WM
MW-48D	11-Jul-12	9.61	22.73	13.12	9.83	-1.03	
MW-48D	23-Oct-12	9.91	22.03	12.12	9.83	-1.23	
MW-48D	18-Jan-13	10.55	21.48	10.93	9.83	-1.76	
MW-48D	18-Apr-13	10.70	21.8	11.10	9.83	-1.92	
MW-48D	15-Jul-13	10.00	22.15	12.15	9.83	-1.32	
MW-48D	28-Oct-13	10.50	21.8	11.30	9.83	-1.74	
MW-48D	27-Jan-14	10.45	21.85	11.40	9.83	-1.70	
MW-48D	7-Apr-14	10.24	21.55	11.31	9.83	-1.48	
MW-48D	18-Jul-14	9.72	21.47	11.75	9.83	-1.01	
MW-48D	15-Oct-14	10.12	21.8	11.68	9.83	-1.40	
MW-48D	4-Feb-15	NM	NM	NM	9.83	NM	Under debris pile
MW-48D	29-Apr-15	9.78	22.29	12.51	9.83	-1.14	
MW-48D	14-Jul-15	8.47	21.86	13.39	9.83	0.09	
MW-48D	13-Oct-15	8.92	21.73	12.81	9.83	-0.31	
MW-48D	9-Nov-15	9.87	21.7	11.83	9.83	-1.16	
MW-48D	4-Feb-16	NM	NM	NM	9.83	NM	Under vehicle
MW-48D	11-May-16	10.03	21.89	11.86	9.83	-1.33	
MW-48D	23-Aug-16	10.33	20.97	10.64	9.83	-1.51	
MW-48D	10-Nov-16	9.94	22.24	12.30	9.83	-1.28	
MW-48D	24-Feb-17	10.80	22.12	11.32	9.83	-2.05	
MW-48D	1-May-17	10.19	21.95	11.76	9.83	-1.48	
MW-48D	14-Aug-17	10.74	22.02	11.28	9.83	-1.98	
MW-48D	14-Nov-17	10.09	17.21	7.12	9.83	-0.94	
MW-48D	27-Feb-18	NM	NM	NM	9.83	NM	Covered
MW-48S	11-Jul-12	9.20	9.23	0.03	9.81	0.61	
MW-48S	23-Oct-12	NM	NM	NM	9.81	NM	Well inaccessible
MW-48S	18-Jan-13	NM	NM	NM	9.81	NM	Well inaccessible
MW-48S	18-Apr-13	NM	NM	NM	9.81	NM	Under vehicle
MW-48S	15-Jul-13	NM	NM	NM	9.81	NM	Under vehicle
MW-48S	28-Oct-13	NM	NM	NM	9.81	NM	Well inaccessible
MW-48S	27-Jan-14	NM	NM	NM	9.81	NM	Well inaccessible
MW-48S	7-Apr-14	NM	NM	NM	9.81	NM	Well inaccessible
MW-48S	18-Jul-14	NM	NM	NM	9.81	NM	Well inaccessible
MW-48S	15-Oct-14	9.55	10.9	1.35	9.81	0.13	
MW-48S	4-Feb-15	NM	NM	NM	9.81	NM	Under debris pile
MW-48S	29-Apr-15	ND	9.53	--	9.81	0.28	
MW-48S	14-Jul-15	7.03	7.05	0.02	9.81	2.78	
MW-48S	13-Oct-15	ND	8.49	--	9.81	1.32	
MW-48S	9-Nov-15	9.51	9.55	0.04	9.81	0.30	
MW-48S	4-Feb-16	8.87	9.46	0.59	9.81	0.88	
MW-48S	11-May-16	9.28	11.15	1.87	9.81	0.35	
MW-48S	23-Aug-16	ND	9.24	--	9.81	0.57	
MW-48S	10-Nov-16	8.83	8.94	0.11	9.81	0.97	
MW-48S	24-Feb-17	ND	8.95	--	9.81	0.86	
MW-48S	1-May-17	ND	7.65	--	9.81	2.16	
MW-48S	14-Aug-17	ND	7.46	--	9.81	2.35	
MW-48S	14-Nov-17	9.19	9.2	9.20	9.81	8.94	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-48S	27-Feb-18	NM	NM	NM	9.81	NM	Covered
MW-49D	11-Jul-12	11.52	11.8	0.28	10.55	-0.99	
MW-49D	23-Oct-12	11.92	12.15	0.23	10.55	-1.39	
MW-49D	13-Jan-13	NM	NM	NM	10.55	NM	Well inaccessible
MW-49D	18-Apr-13	12.50	13	0.50	10.55	-1.99	
MW-49D	15-Jul-13	12.17	12.5	0.33	10.55	-1.65	
MW-49D	28-Oct-13	12.36	12.42	0.06	10.55	-1.82	
MW-49D	27-Jan-14	12.17	12.2	0.03	10.55	-1.62	
MW-49D	7-Apr-14	NM	NM	NM	10.55	NM	Well inaccessible
MW-49D	18-Jul-14	11.55	11.61	0.06	10.55	-1.01	
MW-49D	15-Oct-14	11.88	11.9	0.02	10.55	-1.33	
MW-49D	4-Feb-15	ND	11.92	--	10.55	-1.37	
MW-49D	29-Apr-15	ND	11.73	--	10.55	-1.18	
MW-49D	14-Jul-15	ND	10.46	--	10.55	0.09	
MW-49D	13-Oct-15	ND	10.87	--	10.55	-0.32	
MW-49D	9-Nov-15	ND	11.77	--	10.55	-1.22	
MW-49D	4-Feb-16	ND	11.78	--	10.55	-1.23	
MW-49D	11-May-16	ND	13.13	--	10.55	-2.58	
MW-49D	23-Aug-16	ND	12.12	--	10.55	-1.57	
MW-49D	10-Nov-16	ND	11.72	--	10.55	-1.17	
MW-49D	24-Feb-17	ND	12.38	--	10.55	-1.83	
MW-49D	1-May-17	ND	12.01	--	10.55	-1.46	
MW-49D	14-Aug-17	ND	11.47	--	10.55	-0.92	
MW-49D	14-Nov-17	ND	11.47	--	10.55	-0.92	
MW-49D	27-Feb-18	ND	11.8	--	10.55	-1.25	
MW-49M	11-Jul-12	10.30	22.6	12.30	10.93	-0.42	
MW-49M	23-Oct-12	NM	NM	NM	10.93	NM	Well inaccessible
MW-49M	18-Jan-13	11.42	22.2	10.78	10.93	-1.41	
MW-49M	18-Apr-13	NM	NM	NM	10.93	NM	Under vehicle
MW-49M	15-Jul-13	NM	NM	NM	10.93	NM	Under vehicle
MW-49M	28-Oct-13	11.42	13.2	1.78	10.93	-0.64	
MW-49M	27-Jan-14	11.25	22.1	10.85	10.93	-1.24	
MW-49M	7-Apr-14	NM	NM	NM	10.93	NM	Well inaccessible
MW-49M	18-Jul-14	NM	NM	NM	10.93	NM	Well inaccessible
MW-49M	15-Oct-14	NM	NM	NM	10.93	NM	Well inaccessible
MW-49M	4-Feb-15	11.04	22.3	11.26	10.93	-1.07	
MW-49M	29-Apr-15	10.65	22.34	11.69	10.93	-0.71	
MW-49M	14-Jul-15	9.62	20.51	10.89	10.93	0.38	
MW-49M	13-Oct-15	10.00	21.18	11.18	10.93	-0.02	
MW-49M	9-Nov-15	10.93	21.31	10.38	10.93	-0.88	
MW-49M	4-Feb-16	10.91	21.88	10.97	10.93	-0.91	
MW-49M	11-May-16	10.98	21.85	10.87	10.93	-0.98	
MW-49M	23-Aug-16	11.32	21.74	10.42	10.93	-1.28	
MW-49M	10-Nov-16	10.96	20.38	9.42	10.93	-0.83	
MW-49M	24-Feb-17	11.60	22.28	10.68	10.93	-1.58	
MW-49M	1-May-17	11.16	22.17	11.01	10.93	-1.17	
MW-49M	14-Aug-17	10.80	21.6	10.80	10.93	-0.79	
MW-49M	14-Nov-17	10.53	23.1	12.57	10.93	-0.67	
MW-49M	27-Feb-18	11.55	15.9	4.35	10.93	-0.99	
MW-49S	11-Jul-12	10.85	11.5	0.65	10.68	-0.23	
MW-49S	23-Oct-12	NM	NM	NM	10.68	NM	Well inaccessible
MW-49S	18-Jan-13	11.35	12.8	1.45	10.68	-0.79	
MW-49S	18-Apr-13	NM	NM	NM	10.68	NM	Under vehicle
MW-49S	15-Jul-13	11.32	12.84	1.52	10.68	-0.77	
MW-49S	28-Oct-13	NM	NM	NM	10.68	NM	Well inaccessible
MW-49S	27-Jan-14	NM	NM	NM	10.68	NM	Well inaccessible
MW-49S	7-Apr-14	11.25	11.55	0.30	10.68	-0.60	
MW-49S	18-Jul-14	10.70	10.9	0.20	10.68	-0.04	
MW-49S	15-Oct-14	NM	NM	NM	10.68	NM	Well inaccessible
MW-49S	4-Feb-15	NM	NM	NM	10.68	NM	Under vehicle
MW-49S	29-Apr-15	NM	NM	NM	10.68	NM	Under vehicle
MW-49S	14-Jul-15	9.93	12.86	2.93	10.68	0.50	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-49S	13-Oct-15	10.21	13.2	2.99	10.68	0.22	
MW-49S	9-Nov-15	11.08	13.3	2.22	10.68	-0.59	
MW-49S	4-Feb-16	11.03	13.29	2.26	10.68	-0.54	
MW-49S	11-May-16	11.26	13.21	1.95	10.68	-0.75	
MW-49S	23-Aug-16	11.12	13.13	2.01	10.68	-0.61	
MW-49S	10-Nov-16	11.05	13.32	2.27	10.68	-0.56	
MW-49S	24-Feb-17	NM	NM	NM	10.68	NM	Under vehicle
MW-49S	1-May-17	11.19	12.96	1.77	10.68	-0.66	
MW-49S	14-Aug-17	10.74	12.85	2.11	10.68	-0.24	
MW-49S	14-Nov-17	10.84	13.04	2.20	10.68	-0.35	
MW-49S	27-Feb-18	11.10	12.85	1.75	10.68	-0.57	
MW-50	11-Jul-12	10.73	17.07	6.34	10.71	-0.62	
MW-50	23-Oct-12	10.90	19.2	8.30	10.71	-0.98	
MW-50	18-Jan-13	11.40	19.2	7.80	10.71	-1.43	
MW-50	18-Apr-13	11.52	19.1	7.58	10.71	-1.53	
MW-50	15-Jul-13	11.10	18.3	7.20	10.71	-1.07	
MW-50	28-Oct-13	11.40	19	7.60	10.71	-1.41	
MW-50	27-Jan-14	11.23	17.5	6.27	10.71	-1.12	
MW-50	7-Apr-14	11.00	16.96	5.96	10.71	-0.86	
MW-50	18-Jul-14	10.35	16.1	5.75	10.71	-0.19	
MW-50	15-Oct-14	10.75	18.2	7.45	10.71	-0.75	
MW-50	4-Feb-15	11.02	17.33	6.31	10.71	-0.91	
MW-50	29-Apr-15	10.62	16.18	5.56	10.71	-0.44	
MW-50	14-Jul-15	8.90	14.07	5.17	10.71	1.32	
MW-50	13-Oct-15	10.14	15.5	5.36	10.71	0.06	
MW-50	9-Nov-15	10.92	18.27	7.35	10.71	-0.91	
MW-50	4-Feb-16	11.09	16.79	5.70	10.71	-0.92	
MW-50	11-May-16	11.10	19.04	7.94	10.71	-1.14	
MW-50	23-Aug-16	11.03	17.56	6.53	10.71	-0.94	
MW-50	10-Nov-16	10.92	17.73	6.81	10.71	-0.86	
MW-50	24-Feb-17	11.36	18.88	7.52	10.71	-1.36	
MW-50	1-May-17	11.06	18.42	7.36	10.71	-1.05	
MW-50	14-Aug-17	10.44	16.76	6.32	10.71	-0.33	
MW-50	14-Nov-17	10.57	15.9	5.33	10.71	-0.37	
MW-50	27-Feb-18	10.91	17.65	6.74	10.71	-0.84	
MW-51	11-Jul-12	10.20	10.27	0.07	9.83	-0.38	
MW-51	23-Oct-12	10.50	10.54	0.04	9.83	-0.67	
MW-51	18-Jan-13	11.04	11.05	0.01	9.83	-1.21	
MW-51	18-Apr-13	11.02	11.05	0.03	9.83	-1.19	
MW-51	15-Jul-13	10.48	10.95	0.47	9.83	-0.69	
MW-51	28-Oct-13	10.92	10.96	0.04	9.83	-1.09	
MW-51	27-Jan-14	11.00	11.01	0.01	9.83	-1.17	
MW-51	7-Apr-14	10.37	10.41	0.04	9.83	-0.54	
MW-51	18-Jul-14	10.60	10.65	0.05	9.83	-0.77	
MW-51	15-Oct-14	10.52	10.8	0.28	9.83	-0.72	
MW-51	4-Feb-15	NM	NM	NM	9.83	NM	Under ice/snow
MW-51	29-Apr-15	ND	10.2	--	9.83	-0.37	
MW-51	14-Jul-15	9.05	9.06	0.01	9.83	0.78	
MW-51	13-Oct-15	9.37	9.38	0.01	9.83	0.46	
MW-51	9-Nov-15	ND	10.3	--	9.83	-0.47	
MW-51	8-Feb-16	ND	8.95	--	9.83	0.88	
MW-51	11-May-16	ND	10.41	--	9.83	-0.58	
MW-51	23-Aug-16	ND	9.77	--	9.83	0.06	
MW-51	10-Nov-16	ND	8.55	--	9.83	1.28	
MW-51	24-Feb-17	ND	10.81	--	9.83	-0.98	
MW-51	1-May-17	10.40	10.41	0.01	9.83	-0.57	
MW-51	14-Aug-17	ND	9.42	--	9.83	0.41	
MW-51	14-Nov-17	ND	6.99	--	9.83	2.84	
MW-51	27-Feb-18	ND	8.35	--	9.83	1.48	
MW-52	11-Jul-12	ND	7.86	--	6.31	-1.55	
MW-52	23-Oct-12	ND	7.7	--	6.31	-1.39	
MW-52	18-Jan-13	ND	6.96	--	6.31	-0.65	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-52	18-Apr-13	ND	7.96	--	6.31	-1.65	
MW-52	15-Jul-13	ND	7.64	--	6.31	-1.33	
MW-52	28-Oct-13	ND	7.62	--	6.31	-1.31	
MW-52	27-Jan-14	ND	8.02	--	6.31	-1.71	
MW-52	7-Apr-14	ND	8.05	--	6.31	-1.74	
MW-52	18-Jul-14	ND	7.97	--	6.31	-1.66	
MW-52	15-Oct-14	ND	7.38	--	6.31	-1.07	
MW-52	4-Feb-15	ND	4.8	--	6.31	1.51	
MW-52	29-Apr-15	ND	7.83	--	6.31	-1.52	
MW-52	14-Jul-15	ND	7.27	--	6.31	-0.96	
MW-52	13-Oct-15	ND	3.36	--	6.31	2.95	
MW-52	9-Nov-15	ND	8.05	--	6.31	-1.74	
MW-52	4-Feb-16	ND	8.18	--	6.31	-1.87	
MW-52	11-May-16	ND	8.6	--	6.31	-2.29	
MW-52	23-Aug-16	ND	7.95	--	6.31	-1.64	
MW-52	10-Nov-16	ND	7.19	--	6.31	-0.88	
MW-52	24-Feb-17	ND	7.95	--	6.31	-1.64	
MW-52	1-May-17	ND	7.8	--	6.31	-1.49	
MW-52	14-Aug-17	ND	7.71	--	6.31	-1.40	
MW-52	14-Nov-17	ND	7.2	--	6.31	-0.89	
MW-52	27-Feb-18	ND	8.21	--	6.31	-1.90	
MW-54	11-Jul-12	9.45	11.2	1.75	11.06	1.44	
MW-54	23-Oct-12	9.62	10.5	0.88	11.06	1.36	
MW-54	18-Jan-13	10.06	12.17	2.11	11.06	0.80	
MW-54	18-Apr-13	10.00	11.1	1.10	11.06	0.96	
MW-54	15-Jul-13	9.55	10.6	1.05	11.06	1.41	
MW-54	28-Oct-13	NM	NM	NM	11.06	NM	Well inaccessible
MW-54	27-Jan-14	9.97	11.65	1.68	11.06	0.93	
MW-54	7-Apr-14	9.94	11.35	1.41	11.06	0.99	
MW-54	18-Jul-14	9.28	9.4	0.12	11.06	1.77	
MW-54	15-Oct-14	9.48	10.43	0.95	11.06	1.49	
MW-54	4-Feb-15	9.58	11.05	1.47	11.06	1.34	
MW-54	29-Apr-15	9.60	11.4	1.80	11.06	1.29	
MW-54	14-Jul-15	8.79	9.14	0.35	11.06	2.24	
MW-54	13-Oct-15	9.47	10.21	0.74	11.06	1.52	
MW-54	9-Nov-15	9.85	11	1.15	11.06	1.10	
MW-54	4-Feb-16	9.96	11.79	1.83	11.06	0.93	
MW-54	4-Feb-16	9.96	11.79	1.83	11.06	0.93	
MW-54	23-Aug-16	10.24	11.17	0.93	11.06	0.73	
MW-54	10-Nov-16	10.00	11.55	1.55	11.06	0.91	
MW-54	24-Feb-17	10.49	12.55	2.06	11.06	0.37	
MW-54	1-May-17	9.99	11.12	1.13	11.06	0.96	
MW-54	14-Aug-17	11.02	11.58	0.56	11.06	-0.01	
MW-54	14-Nov-17	NM	NM	NM	11.06	NM	Under Car
MW-54	27-Feb-18	12.06	12.11	0.05	11.06	-1.00	
MW-55	11-Jul-12	8.90	21.3	12.40	11.06	0.98	
MW-55	23-Oct-12	9.50	15.9	6.40	11.06	0.95	
MW-55	18-Jan-13	10.20	16.38	6.18	11.06	0.27	
MW-55	18-Apr-13	10.24	16.1	5.86	11.06	0.26	
MW-55	15-Jul-13	9.75	15.28	5.53	11.06	0.78	
MW-55	28-Oct-13	10.05	16	5.95	11.06	0.44	
MW-55	27-Jan-14	10.25	16.07	5.82	11.06	0.26	
MW-55	7-Apr-14	10.02	15.4	5.38	11.06	0.53	
MW-55	18-Jul-14	9.35	14.85	5.50	11.06	1.19	
MW-55	15-Oct-14	9.64	15.12	5.48	11.06	0.90	
MW-55	4-Feb-15	9.82	15.14	5.32	11.06	0.73	
MW-55	29-Apr-15	9.54	14.8	5.26	11.06	1.02	
MW-55	14-Jul-15	8.88	13.83	4.95	11.06	1.71	
MW-55	13-Oct-15	9.25	14.48	5.23	11.06	1.31	
MW-55	9-Nov-15	8.89	15.35	6.46	11.06	1.55	
MW-55	4-Feb-16	10.14	15.48	5.34	11.06	0.41	
MW-55	11-May-16	10.17	15.5	5.33	11.06	0.38	
MW-55	23-Aug-16	10.32	15.61	5.29	11.06	0.24	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-55	10-Nov-16	10.18	15.48	5.30	11.06	0.37	
MW-55	24-Feb-17	10.83	16.4	5.57	11.06	-0.30	
MW-55	1-May-17	10.15	15.43	5.28	11.06	0.41	
MW-55	14-Aug-17	9.55	14.87	5.32	11.06	1.00	
MW-55	14-Nov-17	9.81	14.9	5.09	11.06	0.76	
MW-55	27-Feb-18	10.21	15.44	5.23	11.06	0.35	
MW-56	11-Jul-12	14.25	14.7	0.45	15.22	0.93	
MW-56	23-Oct-12	14.15	20.8	6.65	15.22	0.44	
MW-56	18-Jan-13	9.68	10.2	0.52	15.22	5.49	
MW-56	18-Apr-13	NM	NM	NM	15.22	NM	No access to building
MW-56	15-Jul-13	12.89	14.85	1.96	15.22	2.14	
MW-56	28-Oct-13	10.80	13.4	2.60	15.22	4.17	
MW-56	27-Jan-14	10.02	10.06	0.04	15.22	5.20	
MW-56	7-Apr-14	9.66	9.7	0.04	15.22	5.56	
MW-56	18-Jul-14	NM	NM	NM	15.22	NM	Well inaccessible
MW-56	15-Oct-14	12.58	15.08	2.50	15.22	2.40	
MW-56	4-Feb-15	9.56	11.69	2.13	15.22	5.46	
MW-56	29-Apr-15	7.58	10.33	2.75	15.22	7.38	
MW-56	14-Jul-15	9.36	11.84	2.48	15.22	5.62	
MW-56	13-Oct-15	9.27	11.95	2.68	15.22	5.70	
MW-56	9-Nov-15	9.05	14.5	5.45	15.22	5.65	
MW-56	4-Feb-16	8.71	11.62	2.91	15.22	6.23	
MW-56	11-May-16	14.99	16.45	1.46	15.22	0.09	
MW-56	23-Aug-16	16.89	20.41	3.52	15.22	-2.00	
MW-56	10-Nov-16	13.24	16.42	3.18	15.22	1.68	
MW-56	24-Feb-17	8.65	9.9	1.25	15.22	6.45	
MW-56	1-May-17	8.14	9.18	1.04	15.22	6.98	
MW-56	14-Aug-17	7.00	7.82	0.82	15.22	8.14	
MW-56	14-Nov-17	5.84	5.95	0.11	15.22	9.37	
MW-56	27-Feb-18	6.52	6.67	0.15	15.22	8.69	
MW-57	11-Jul-12	9.23	14.85	5.62	11.12	1.36	
MW-57	23-Oct-12	8.90	10.85	1.95	11.12	2.03	
MW-57	18-Jan-13	10.58	13.2	2.62	11.12	0.29	
MW-57	18-Apr-13	10.45	16	5.55	11.12	0.14	
MW-57	15-Jul-13	9.87	15.88	6.01	11.12	0.68	
MW-57	28-Oct-13	10.32	15.7	5.38	11.12	0.29	
MW-57	27-Jan-14	10.40	15.96	5.56	11.12	0.19	
MW-57	7-Apr-14	10.50	15.7	5.20	11.12	0.13	
MW-57	18-Jul-14	9.52	15.6	6.08	11.12	1.02	
MW-57	15-Oct-14	9.82	15.82	6.00	11.12	0.73	
MW-57	4-Feb-15	9.90	15.59	5.69	11.12	0.68	
MW-57	29-Apr-15	9.56	15.81	6.25	11.12	0.97	
MW-57	14-Jul-15	8.86	15.28	6.42	11.12	1.65	
MW-57	13-Oct-15	9.28	15.05	5.77	11.12	1.29	
MW-57	9-Nov-15	10.00	14.75	4.75	11.12	0.67	
MW-57	4-Feb-16	10.22	15.83	5.61	11.12	0.37	
MW-57	11-May-16	10.27	16.01	5.74	11.12	0.30	
MW-57	23-Aug-16	10.15	16.37	6.22	11.12	0.38	
MW-57	10-Nov-16	10.24	16.52	6.28	11.12	0.28	
MW-57	24-Feb-17	10.94	16.71	5.77	11.12	-0.37	
MW-57	1-May-17	10.18	16.54	6.36	11.12	0.34	
MW-57	14-Aug-17	9.59	16.28	6.69	11.12	0.89	
MW-57	14-Nov-17	9.85	16	6.15	11.12	0.69	
MW-57	27-Feb-18	10.25	16.37	6.12	11.12	0.29	
MW-58	11-Jul-12	13.87	14.72	0.85	15.33	1.38	
MW-58	23-Oct-12	14.05	14.9	0.85	15.33	1.20	
MW-58	18-Jan-13	14.60	14.9	0.30	15.33	0.70	
MW-58	18-Apr-13	NM	NM	NM	15.33	NM	No access to building
MW-58	15-Jul-13	14.05	14.83	0.78	15.33	1.21	
MW-58	28-Oct-13	10.20	14.4	4.20	15.33	4.73	
MW-58	27-Jan-14	14.64	15.3	0.66	15.33	0.63	
MW-58	7-Apr-14	14.32	14.65	0.33	15.33	0.98	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-58	18-Jul-14	13.58	14.82	1.24	15.33	1.63	
MW-58	15-Oct-14	14.18	14.73	0.55	15.33	1.10	
MW-58	4-Feb-15	14.09	14.79	0.70	15.33	1.17	
MW-58	29-Apr-15	14.51	15.31	0.80	15.33	0.74	
MW-58	14-Jul-15	13.12	14.76	1.64	15.33	2.05	
MW-58	13-Oct-15	13.55	14.86	1.31	15.33	1.66	
MW-58	9-Nov-15	14.23	14.7	0.47	15.33	1.06	
MW-58	4-Feb-16	14.43	14.73	0.30	15.33	0.87	
MW-58	11-May-16	14.56	14.76	0.20	15.33	0.75	
MW-58	23-Aug-16	14.62	14.86	0.24	15.33	0.69	
MW-58	16-Nov-16	14.40	14.48	0.08	15.33	0.92	
MW-58	24-Feb-17	ND	14.94	--	15.33	0.39	
MW-58	1-May-17	ND	14.36	--	15.33	0.97	
MW-58	14-Aug-17	ND	13.76	--	15.33	1.57	
MW-58	14-Nov-17	14.15	14.29	0.14	15.33	1.17	
MW-58	27-Feb-18	13.37	15.22	1.85	15.33	1.78	
MW-59	11-Jul-12	ND	22.03	--	29.2	7.17	
MW-59	23-Oct-12	ND	22.56	--	29.2	6.64	
MW-59	18-Jan-13	ND	23.24	--	29.2	5.96	
MW-59	18-Apr-13	ND	22.1	--	29.2	7.10	
MW-59	15-Jul-13	ND	21.2	--	29.2	8.00	
MW-59	28-Oct-13	ND	21.9	--	29.2	7.30	
MW-59	27-Jan-14	ND	23.06	--	29.2	6.14	
MW-59	7-Apr-14	ND	23.1	--	29.2	6.10	
MW-59	18-Jul-14	ND	20.51	--	29.2	8.69	
MW-59	15-Oct-14	ND	21.63	--	29.2	7.57	
MW-59	4-Feb-15	NM	NM	NM	29.2	NM	Submerged in water
MW-59	29-Apr-15	ND	20.98	--	29.2	8.22	
MW-59	14-Jul-15	ND	21.33	--	29.2	7.87	
MW-59	13-Oct-15	ND	22.34	--	29.2	6.86	
MW-59	9-Nov-15	ND	22.65	--	29.2	6.55	
MW-59	4-Feb-16	ND	23.44	--	29.2	5.76	
MW-59	11-May-16	ND	22.93	--	29.2	6.27	
MW-59	23-Aug-16	ND	23.12	--	29.2	6.08	
MW-59	16-Nov-16	ND	23.54	--	29.2	5.66	
MW-59	24-Feb-17	NM	NM	NM	29.2	NM	Well dry
MW-59	1-May-17	ND	22.46	--	29.2	6.74	
MW-59	14-Aug-17	ND	21.12	--	29.2	8.08	
MW-59	14-Nov-17	ND	22.11	--	29.2	7.09	
MW-59	27-Feb-18	ND	22.46	--	29.2	6.74	
MW-60D	11-Jul-12	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	23-Oct-12	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	18-Jan-13	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	18-Apr-13	NM	NM	NM	23.48	NM	Under vehicle
MW-60D	15-Jul-13	NM	NM	NM	23.48	NM	Under vehicle
MW-60D	28-Oct-13	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	27-Jan-14	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	7-Apr-14	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	18-Jul-14	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	15-Oct-14	NM	NM	NM	23.48	NM	Well inaccessible
MW-60D	4-Feb-15	NM	NM	NM	23.48	NM	Under vehicle
MW-60D	30-Apr-15	ND	20.44	--	23.48	3.04	
MW-60D	15-Jul-15	ND	20.21	--	23.48	3.27	
MW-60D	13-Oct-15	NM	NM	NM	23.48	NM	Under vehicle
MW-60D	9-Nov-15	22.35	22.8	0.45	23.48	1.09	
MW-60D	4-Feb-16	ND	21.22	--	23.48	2.26	
MW-60D	11-May-16	22.65	22.68	0.03	23.48	0.83	
MW-60D	23-Aug-16	ND	21.29	--	23.48	2.19	
MW-60D	10-Nov-16	ND	21.27	--	23.48	2.21	
MW-60D	24-Feb-17	ND	21.64	--	23.48	1.84	
MW-60D	1-May-17	ND	21.05	--	23.48	2.43	
MW-60D	14-Aug-17	ND	20.55	--	23.48	2.93	
MW-60D	14-Nov-17	ND	20.88	--	23.48	2.60	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-60D	27-Feb-18	ND	21.33	--	23.48	2.15	
MW-60S	11-Jul-12	ND	20.22	--	23.08	2.86	
MW-60S	23-Oct-12	22.20	22.22	0.02	23.08	0.88	
MW-60S	18-Jan-13	NM	NM	NM	23.08	NM	Well inaccessible
MW-60S	18-Apr-13	22.60	23	0.40	23.08	0.44	
MW-60S	15-Jul-13	NM	NM	NM	23.08	NM	Under vehicle
MW-60S	28-Oct-13	NM	NM	NM	23.08	NM	Well inaccessible
MW-60S	27-Jan-14	NM	NM	NM	23.08	NM	Well inaccessible
MW-60S	7-Apr-14	NM	NM	NM	23.08	NM	Well inaccessible
MW-60S	18-Jul-14	NM	NM	NM	23.08	NM	Well inaccessible
MW-60S	15-Oct-14	NM	NM	NM	23.08	NM	Well inaccessible
MW-60S	4-Feb-15	22.24	22.8	0.56	23.08	0.79	
MW-60S	30-Apr-15	21.96	22.15	0.19	23.08	1.10	
MW-60S	15-Jul-15	21.50	21.61	0.11	23.08	1.57	
MW-60S	13-Oct-15	21.73	22.02	0.29	23.08	1.32	
MW-60S	10-Nov-15	NM	NM	NM	23.08	NM	Well inaccessible
MW-60S	4-Feb-16	22.56	22.73	0.17	23.08	0.50	
MW-60S	11-May-16	ND	21.25	--	23.08	1.83	
MW-60S	23-Aug-16	22.39	22.96	0.57	23.08	0.64	
MW-60S	10-Nov-16	NM	NM	NM	23.08	NM	Well dry
MW-60S	24-Feb-17	NM	NM	NM	23.08	NM	Well dry
MW-60S	1-May-17	22.45	22.76	0.31	23.08	0.60	
MW-60S	14-Aug-17	21.93	22.15	0.22	23.08	1.13	
MW-60S	14-Nov-17	22.16	22.59	0.43	23.08	0.88	
MW-60S	27-Feb-18	22.50	NM	0.20	23.08	NM	Well dry
MW-61	11-Jul-12	14.00	17.45	3.45	15.36	1.00	
MW-61	23-Oct-12	14.22	16.6	2.38	15.36	0.89	
MW-61	18-Jan-13	NM	NM	NM	15.36	NM	Well Inaccessible
MW-61	18-Apr-13	14.80	18	3.20	15.36	0.22	
MW-61	15-Jul-13	14.50	17.98	3.48	15.36	0.49	
MW-61	27-Jan-14	NM	NM	NM	15.36	NM	Well inaccessible
MW-61	7-Apr-14	14.60	17.94	3.34	15.36	0.41	
MW-61	18-Jul-14	13.82	17.3	3.48	15.36	1.17	
MW-61	15-Oct-14	14.20	18	3.80	15.36	0.76	
MW-61	4-Feb-15	NM	NM	NM	15.36	NM	Unable to locate
MW-61	29-Apr-15	14.09	18	3.91	15.36	0.86	
MW-61	14-Jul-15	13.25	17.97	4.72	15.37	1.62	
MW-61	13-Oct-15	NM	NM	NM	15.37	NM	Under vehicle
MW-61	9-Nov-15	14.35	17.95	3.60	15.37	0.64	
MW-61	4-Feb-16	14.52	17.88	3.36	15.37	0.50	
MW-61	11-May-16	14.66	17.99	3.33	15.37	0.36	
MW-61	23-Aug-16	14.64	18.03	3.39	15.37	0.37	
MW-61	10-Nov-16	14.78	16.23	1.45	15.37	0.44	
MW-61	24-Feb-17	15.16	18.02	2.86	15.37	-0.09	
MW-61	1-May-17	14.68	18.05	3.37	15.37	0.34	
MW-61	14-Aug-17	13.96	17.9	3.94	15.37	1.00	
MW-61	14-Nov-17	14.20	18.01	3.81	15.37	0.77	
MW-61	27-Feb-18	14.64	17.07	2.43	15.37	0.48	
MW-62	11-Jul-12	ND	7.21	--	13.12	5.91	
MW-62	23-Oct-12	NM	NM	NM	13.12	NM	Well Inaccessible
MW-62	18-Jan-13	ND	7.62	--	13.12	5.50	
MW-62	18-Apr-13	ND	10.65	--	13.12	2.47	
MW-62	15-Jul-13	ND	10.47	--	13.12	2.65	
MW-62	28-Oct-13	ND	13.05	--	13.12	0.07	
MW-62	27-Jan-14	ND	9.67	--	13.12	3.45	
MW-62	7-Apr-14	ND	6.34	--	13.12	6.78	
MW-62	18-Jul-14	ND	8.14	--	13.12	4.98	
MW-62	15-Oct-14	ND	12.33	--	13.12	0.79	
MW-62	4-Feb-15	NM	NM	NM	13.12	NM	Unable to locate
MW-62	29-Apr-15	ND	11	--	13.12	2.12	
MW-62	14-Jul-15	ND	8.75	--	13.12	4.37	
MW-62	13-Oct-15	ND	8.11	--	13.12	5.01	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-62	10-Nov-15	ND	11.66	--	13.12	1.46	
MW-62	4-Feb-16	ND	6.57	--	13.12	6.55	
MW-62	11-May-16	ND	9.87	--	13.12	3.25	
MW-62	23-Aug-16	ND	10.6	--	13.12	2.52	
MW-62	10-Nov-16	ND	7.17	--	13.12	5.95	
MW-62	24-Feb-17	ND	8.87	--	13.12	4.25	
MW-62	2-May-17	ND	6.31	--	13.12	6.81	
MW-62	14-Aug-17	ND	7.97	--	13.12	5.15	
MW-62	14-Nov-17	ND	7.71	--	13.12	5.41	
MW-62	27-Feb-18	ND	4.33	--	13.12	8.79	
MW-63	11-Jul-12	21.95	22.1	0.15	23.55	1.59	
MW-63	23-Oct-12	ND	22.21	--	23.55	1.34	
MW-63	18-Jan-13	ND	23	--	23.55	0.55	
MW-63	18-Apr-13	ND	22.92	--	23.55	0.63	
MW-63	15-Jul-13	ND	22.61	--	23.55	0.94	
MW-63	28-Oct-13	ND	23.04	--	23.55	0.51	
MW-63	27-Jan-14	ND	22.87	--	23.55	0.68	
MW-63	7-Apr-14	ND	22.37	--	23.55	1.18	
MW-63	18-Jul-14	ND	21.63	--	23.55	1.92	
MW-63	15-Oct-14	ND	22.28	--	23.55	1.27	
MW-63	4-Feb-15	ND	22.35	--	23.55	1.20	
MW-63	29-Apr-15	ND	21.75	--	23.55	1.80	
MW-63	14-Jul-15	ND	21.44	--	23.55	2.11	
MW-63	13-Oct-15	ND	21.88	--	23.55	1.67	
MW-63	10-Nov-15	ND	22.31	--	23.55	1.24	
MW-63	4-Feb-16	NM	NM	NM	23.55	NM	Covered by metal sheets
MW-63	11-May-16	ND	22.41	--	23.55	1.14	
MW-63	23-Aug-16	ND	22.43	--	23.55	1.12	
MW-63	10-Nov-16	ND	22.52	--	23.55	1.03	
MW-63	24-Feb-17	NM	NM	NM	23.55	NM	Covered by lumber
MW-63	1-May-17	ND	22.15	--	23.55	1.40	
MW-63	14-Aug-17	ND	21.78	--	23.55	1.77	
MW-63	14-Nov-17	ND	22.05	--	23.55	1.50	
MW-63	27-Feb-18	ND	22.4	--	23.55	1.15	
MW-64	11-Jul-12	14.90	18.55	3.65	15.4	0.15	
MW-64	23-Oct-12	14.90	23.24	8.34	15.4	-0.29	
MW-64	18-Jan-13	15.55	23.3	7.75	15.4	-0.89	
MW-64	18-Apr-13	15.70	23	7.30	15.4	-0.99	
MW-64	15-Jul-13	15.19	23.2	8.01	15.4	-0.55	
MW-64	28-Oct-13	15.55	23.08	7.53	15.4	-0.87	
MW-64	27-Jan-14	NM	NM	NM	15.4	NM	Flooded
MW-64	7-Apr-14	15.35	23.54	8.19	15.4	-0.73	
MW-64	18-Jul-14	14.80	22	7.20	15.4	-0.08	
MW-64	15-Oct-14	14.95	23.32	8.37	15.4	-0.35	
MW-64	4-Feb-15	15.08	23.3	8.22	15.4	-0.46	
MW-64	29-Apr-15	14.80	23.42	8.62	15.4	-0.22	
MW-64	14-Jul-15	13.71	23.21	9.50	15.4	0.79	
MW-64	13-Oct-15	NM	NM	NM	15.4	NM	Overhead hazard
MW-64	10-Nov-15	14.51	21.9	7.39	15.4	0.19	
MW-64	4-Feb-16	14.77	22.43	7.66	15.4	-0.10	
MW-64	11-May-16	15.20	23.33	8.13	15.4	-0.57	
MW-64	23-Aug-16	15.63	23.42	7.79	15.4	-0.97	
MW-64	10-Nov-16	15.13	23.41	8.28	15.4	-0.52	
MW-64	24-Feb-17	15.72	23.36	7.64	15.4	-1.05	
MW-64	1-May-17	15.14	23.3	8.16	15.4	-0.52	
MW-64	14-Aug-17	NM	NM	NM	15.4	NM	Covered by debris
MW-64	14-Nov-17	NM	NM	NM	15.4	NM	Covered by debris
MW-64	27-Feb-18	15.01	22.81	7.80	15.4	-0.35	
MW-65	11-Jul-12	14.20	24.55	10.35	14.55	-0.66	
MW-65	23-Oct-12	NM	NM	NM	14.55	NM	Well Inaccessible
MW-65	18-Jan-13	NM	NM	NM	14.55	NM	Well Inaccessible
MW-65	18-Apr-13	NM	NM	NM	14.55	NM	Under vehicle

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-65	15-Jul-13	14.85	24.75	9.90	14.55	-1.26	
MW-65	28-Oct-13	15.06	24.8	9.74	14.55	-1.46	
MW-65	27-Jan-14	NM	NM	NM	14.55	NM	Well inaccessible
MW-65	7-Apr-14	14.57	24.48	9.91	14.55	-0.99	
MW-65	18-Jul-14	14.12	24.8	10.68	14.55	-0.61	
MW-65	15-Oct-14	14.43	23.85	9.42	14.55	-0.80	
MW-65	4-Feb-15	NM	NM	NM	14.55	NM	Under pallet
MW-65	29-Apr-15	14.20	23.87	9.67	14.55	-0.59	
MW-65	14-Jul-15	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	13-Oct-15	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	10-Nov-15	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	4-Feb-16	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	11-May-16	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	23-Aug-16	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	10-Nov-16	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	24-Feb-17	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	1-May-17	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	14-Aug-17	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	14-Nov-17	NM	NM	NM	14.55	NM	Overhead hazard
MW-65	27-Feb-18	14.52	23.8	9.28	14.55	-0.87	
MW-66	11-Jul-12	NM	NM	NM	22.65	NM	
MW-66	23-Oct-12	20.01	20.78	0.77	22.65	2.57	
MW-66	18-Jan-13	20.45	22.3	1.85	22.65	2.02	
MW-66	18-Apr-13	20.30	22	1.70	22.65	2.19	
MW-66	15-Jul-13	NM	NM	NM	22.65	NM	Under vehicle
MW-66	28-Oct-13	20.30	21.88	1.58	22.65	2.20	
MW-66	27-Jan-14	20.80	22.7	1.90	22.65	1.67	
MW-66	7-Apr-14	20.28	22.18	1.90	22.65	2.19	
MW-66	18-Jul-14	19.55	20.9	1.35	22.65	2.97	
MW-66	15-Oct-14	19.92	21.48	1.56	22.65	2.58	
MW-66	4-Feb-15	20.24	21.84	1.60	22.65	2.26	
MW-66	29-Apr-15	19.75	20.7	0.95	22.65	2.81	
MW-66	14-Jul-15	19.57	20.84	1.27	22.65	2.96	
MW-66	13-Oct-15	19.80	21.29	1.49	22.65	2.71	
MW-66	10-Nov-15	20.20	21.85	1.65	22.65	2.29	
MW-66	4-Feb-16	20.58	22.79	2.21	22.65	1.86	
MW-66	11-May-16	20.46	22.08	1.62	22.65	2.04	
MW-66	23-Aug-16	20.58	22.41	1.83	22.65	1.90	
MW-66	10-Nov-16	20.39	21.98	1.59	22.65	2.11	
MW-66	24-Feb-17	20.86	22.55	1.69	22.65	1.63	
MW-66	1-May-17	20.41	21.86	1.45	22.65	2.10	
MW-66	14-Aug-17	NM	NM	NM	22.65	NM	Covered by scrap metal
MW-66	14-Nov-17	21.00	21.65	0.65	22.65	1.59	
MW-66	27-Feb-18	20.51	22.17	1.66	22.65	1.98	
MW-67	11-Jul-12	ND	12.99	--	15.6	2.61	
MW-67	23-Oct-12	ND	13.27	--	15.6	2.33	
MW-67	18-Jan-13	ND	13.73	--	15.6	1.87	
MW-67	18-Apr-13	ND	13.54	--	15.6	2.06	
MW-67	15-Jul-13	ND	13.35	--	15.6	2.25	
MW-67	28-Oct-13	13.45	13.85	0.40	15.6	2.11	
MW-67	27-Jan-14	13.90	14.28	0.38	15.6	1.66	
MW-67	7-Apr-14	13.72	13.92	0.20	15.6	1.86	
MW-67	18-Jul-14	12.72	13.7	0.98	15.6	2.79	
MW-67	15-Oct-14	12.98	14.23	1.25	15.6	2.50	
MW-67	4-Feb-15	13.35	14.8	1.45	15.6	2.11	
MW-67	29-Apr-15	12.92	13.31	0.39	15.6	2.64	
MW-67	14-Jul-15	12.64	13.27	0.63	15.6	2.90	
MW-67	13-Oct-15	12.85	13.95	1.10	15.6	2.65	
MW-67	9-Nov-15	13.35	14.53	1.18	15.6	2.14	
MW-67	4-Feb-16	13.47	14.88	1.41	15.6	2.00	
MW-67	11-May-16	13.53	15.08	1.55	15.6	1.92	
MW-67	23-Aug-16	13.66	14.17	0.51	15.6	1.89	
MW-67	10-Nov-16	ND	13.7	--	15.6	1.90	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
MW-67	24-Feb-17	14.19	14.2	0.01	15.6	1.41	
MW-67	1-May-17	ND	13.52	--	15.6	2.08	
MW-67	14-Aug-17	13.03	13.22	0.19	15.6	2.55	
MW-67	14-Nov-17	ND	13.32	--	15.6	2.28	
MW-67	27-Feb-18	ND	13.74	--	15.6	1.86	
MW-68	11-Jul-12	21.29	21.7	0.41	23.78	2.45	
MW-68	23-Oct-12	21.45	21.93	0.48	23.78	2.28	
MW-68	18-Jan-13	21.80	21.85	0.05	23.78	1.98	
MW-68	18-Apr-13	21.68	22.4	0.72	23.78	2.03	
MW-68	15-Jul-13	21.35	22.29	0.94	23.78	2.34	
MW-68	28-Oct-13	21.70	22.58	0.88	23.78	2.00	
MW-68	27-Jan-14	22.16	23.52	1.36	23.78	1.49	
MW-68	7-Apr-14	21.85	22.96	1.11	23.78	1.82	
MW-68	18-Jul-14	20.96	22.15	1.19	23.78	2.71	
MW-68	15-Oct-14	21.30	22.4	1.10	23.78	2.38	
MW-68	4-Feb-15	NM	NM	NM	23.78	NM	No access
MW-68	29-Apr-15	21.07	21.6	0.53	23.78	2.66	
MW-68	14-Jul-15	NM	NM	NM	23.78	NM	No access
MW-68	13-Oct-15	NM	NM	NM	23.78	NM	No access
MW-68	9-Nov-15	NM	NM	NM	23.78	NM	No access
MW-68	4-Feb-16	NM	NM	NM	23.78	NM	No access
MW-68	11-May-16	NM	NM	NM	23.78	NM	No access
MW-68	23-Aug-16	21.78	22.26	0.48	23.78	1.95	
MW-68	10-Nov-16	21.71	22.72	1.01	23.78	1.97	
MW-68	24-Feb-17	22.03	23.52	1.49	23.78	1.61	
MW-68	1-May-17	21.69	22.84	1.15	23.78	1.98	
MW-68	14-Aug-17	NM	NM	NM	23.78	NM	No access
MW-68	27-Feb-18	NM	NM	NM	23.78	NM	No access
MW-69	23-Oct-12	ND	19.27	--	21.58	2.31	
MW-69	24-Jan-13	ND	19.65	--	21.58	1.93	
MW-69	18-Apr-13	ND	19.62	--	21.58	1.96	
MW-69	15-Jul-13	ND	19.1	--	21.58	2.48	
MW-69	28-Oct-13	ND	19.5	--	21.58	2.08	
MW-69	27-Jan-14	ND	20	--	21.58	1.58	
MW-69	7-Apr-14	ND	19.72	--	21.58	1.86	
MW-69	18-Jul-14	NM	NM	NM	21.58	NM	Well inaccessible
MW-69	15-Oct-14	ND	19.18	--	21.58	2.40	
MW-69	4-Feb-15	ND	19.44	--	21.58	2.14	
MW-69	29-Apr-15	ND	18.78	--	21.58	2.80	
MW-69	14-Jul-15	ND	18.66	--	21.58	2.92	
MW-69	13-Oct-15	ND	18.9	--	21.58	2.68	
MW-69	9-Nov-15	ND	19.31	--	21.58	2.27	
MW-69	4-Feb-16	ND	19.39	--	21.58	2.19	
MW-69	11-May-16	ND	19.62	--	21.58	1.96	
MW-69	23-Aug-16	ND	19.59	--	21.58	1.99	
MW-69	10-Nov-16	ND	19.37	--	21.58	2.21	
MW-69	24-Feb-17	ND	19.71	--	21.58	1.87	
MW-69	1-May-17	ND	19.4	--	21.58	2.18	
MW-69	14-Aug-17	ND	19.13	--	21.58	2.45	
MW-69	14-Nov-17	ND	19.11	--	21.58	2.47	
MW-69	27-Feb-18	ND	19.5	--	21.58	2.08	
BW-1	25-Apr-11	ND	8.27	--	6.34	-1.93	
BW-1	22-Jul-11	ND	8.05	--	6.34	-1.71	
BW-1	18-Oct-11	ND	6.96	--	6.34	-0.62	
BW-1	16-Jan-12	ND	8	--	6.34	-1.66	
BW-1	12-Apr-12	ND	6.14	--	6.34	0.20	
BW-1	12-Jul-12	ND	4.45	--	6.34	1.89	
BW-1	23-Oct-12	ND	6.52	--	6.34	-0.18	
BW-1	18-Jan-13	ND	5.5	--	6.34	0.84	
BW-1	18-Apr-13	ND	8.2	--	6.34	-1.86	
BW-1	15-Jul-13	ND	7.9	--	6.34	-1.56	
BW-1	28-Oct-13	ND	7.49	--	6.34	-1.15	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

		DEPTH TO LNAPL	DEPTH TO WATER	APPARENT LNAPL THICKNESS	TOP OF CASING	WATER TABLE ELEVATION	
MW ID	GAUGING DATE	(feet below measuring point)	(feet below measuring point)	(feet)	(feet relative to NAVD88)	(feet relative to NAVD88)	Comments
BW-1	27-Jan-14	NM	NM	NM	6.34	NM	Well inaccessible
BW-1	7-Apr-14	ND	8.31	--	6.34	-1.97	
BW-1	18-Jul-14	ND	6.6	--	6.34	-0.26	
BW-1	15-Oct-14	ND	6.95	--	6.34	-0.61	
BW-1	4-Feb-15	ND	4.81	--	6.34	1.53	
BW-1	29-Apr-15	ND	7.81	--	6.34	-1.47	
BW-1	14-Jul-15	ND	7.56	--	6.34	-1.22	
BW-1	13-Oct-15	ND	3.64	--	6.34	2.70	
BW-1	10-Nov-15	ND	7.85	--	6.34	-1.51	
BW-1	4-Feb-16	ND	8.34	--	6.34	-2.00	
BW-1	11-May-16	ND	9.03	--	6.34	-2.69	
BW-1	23-Aug-16	ND	8.62	--	6.34	-2.28	
BW-1	10-Nov-16	ND	7.45	--	6.34	-1.11	
BW-1	24-Feb-17	ND	8.13	--	6.34	-1.79	
BW-1	1-May-17	ND	8.37	--	6.34	-2.03	
BW-1	14-Aug-17	ND	8.05	--	6.34	-1.71	
BW-1	14-Nov-17	ND	7.57	--	6.34	-1.23	
BW-1	27-Feb-18	ND	8.89	--	6.34	-2.55	
BW-2	25-Apr-11	ND	7.94	--	5.69	-2.25	Well inaccessible
BW-2	22-Jul-11	ND	7.36	--	5.69	-1.67	
BW-2	18-Oct-11	ND	9.09	--	5.69	-3.40	
BW-2	16-Jan-12	ND	7.8	--	5.69	-2.11	
BW-2	12-Apr-12	ND	5.62	--	5.69	0.07	
BW-2	12-Jul-12	ND	3.78	--	5.69	1.91	
BW-2	23-Oct-12	ND	6.69	--	5.69	-1.00	
BW-2	18-Jan-13	ND	5.6	--	5.69	0.09	
BW-2	18-Apr-13	ND	7.5	--	5.69	-1.81	
BW-2	15-Jul-13	ND	8.4	--	5.69	-2.71	
BW-2	28-Oct-13	ND	6.84	--	5.69	-1.15	
BW-2	27-Jan-14	NM	NM	NM	5.69	NM	
BW-2	7-Apr-14	NM	NM	NM	5.69	NM	
BW-2	18-Jul-14	ND	5.82	--	5.69	-0.13	
BW-2	15-Oct-14	ND	6.35	--	5.69	-0.66	
BW-2	4-Feb-15	ND	4.06	--	5.69	1.63	
BW-2	29-Apr-15	ND	7.22	--	5.69	-1.53	
BW-2	14-Jul-15	ND	6.51	--	5.69	-0.82	
BW-2	13-Oct-15	ND	2.92	--	5.69	2.77	
BW-2	10-Nov-15	ND	6.97	--	5.69	-1.28	
BW-2	4-Feb-16	ND	7.58	--	5.69	-1.89	
BW-2	11-May-16	ND	8.28	--	5.69	-2.59	
BW-2	23-Aug-16	ND	7.79	--	5.69	-2.10	
BW-2	10-Nov-16	ND	6.7	--	5.69	-1.01	
BW-2	24-Feb-17	ND	7.44	--	5.69	-1.75	
BW-2	1-May-17	ND	7.41	--	5.69	-1.72	
BW-2	14-Aug-17	ND	7.14	--	5.69	-1.45	
BW-2	14-Nov-17	ND	6.73	--	5.69	-1.04	
BW-2	27-Feb-18	ND	7.9	--	5.69	-2.21	
BW-3	25-Apr-11	ND	7.84	--	6.02	-1.82	Well inaccessible
BW-3	22-Jul-11	ND	7.77	--	6.02	-1.75	
BW-3	18-Oct-11	ND	6.6	--	6.02	-0.58	
BW-3	16-Jan-12	ND	7.8	--	6.02	-1.78	
BW-3	12-Apr-12	ND	5.14	--	6.02	0.88	
BW-3	12-Jul-12	ND	4.1	--	6.02	1.92	
BW-3	23-Oct-12	ND	6.42	--	6.02	-0.40	
BW-3	18-Jan-13	ND	6.04	--	6.02	-0.02	
BW-3	18-Apr-13	ND	7.83	--	6.02	-1.81	
BW-3	15-Jul-13	ND	7.5	--	6.02	-1.48	
BW-3	28-Oct-13	ND	7.27	--	6.02	-1.25	
BW-3	27-Jan-14	NM	NM	NM	6.02	NM	
BW-3	7-Apr-14	ND	7.95	--	6.02	-1.93	
BW-3	18-Jul-14	ND	6	--	6.02	0.02	
BW-3	15-Oct-14	ND	6.97	--	6.02	-0.95	
BW-3	4-Feb-15	ND	4.5	--	6.02	1.52	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
BW-3	29-Apr-15	ND	7.52	--	6.02	-1.50	
BW-3	14-Jul-15	ND	7.13	--	6.02	-1.11	
BW-3	13-Oct-15	ND	3.2	--	6.02	2.82	
BW-3	10-Nov-15	ND	7.1	--	6.02	-1.08	
BW-3	4-Feb-16	ND	7.9	--	6.02	-1.88	
BW-3	11-May-16	ND	8.45	--	6.02	-2.43	
BW-3	23-Aug-16	ND	7.82	--	6.02	-1.80	
BW-3	10-Nov-16	ND	6.88	--	6.02	-0.86	
BW-3	24-Feb-17	ND	7.34	--	6.02	-1.32	
BW-3	1-May-17	ND	7.62	--	6.02	-1.60	
BW-3	14-Aug-17	ND	7.47	--	6.02	-1.45	
BW-3	14-Nov-17	ND	6.97	--	6.02	-0.95	
BW-3	27-Feb-18	ND	8.08	--	6.02	-2.06	
BW-4	25-Apr-11	ND	7.77	--	5.94	-1.83	
BW-4	22-Jul-11	ND	7.63	--	5.94	-1.69	
BW-4	18-Oct-11	ND	6.3	--	5.94	-0.36	
BW-4	16-Jan-12	ND	7.61	--	5.94	-1.67	
BW-4	12-Apr-12	ND	6.11	--	5.94	-0.17	
BW-4	12-Jul-12	ND	3.86	--	5.94	2.08	
BW-4	23-Oct-12	ND	6.4	--	5.94	-0.46	
BW-4	18-Jan-13	ND	5.77	--	5.94	0.17	
BW-4	18-Apr-13	ND	7.54	--	5.94	-1.60	
BW-4	15-Jul-13	ND	7.21	--	5.94	-1.27	
BW-4	28-Oct-13	ND	7	--	5.94	-1.06	
BW-4	27-Jan-14	NM	NM	NM	5.94	NM	Well inaccessible
BW-4	7-Apr-14	ND	7.55	--	5.94	-1.61	
BW-4	18-Jul-14	ND	5.62	--	5.94	0.32	
BW-4	15-Oct-14	ND	6.78	--	5.94	-0.84	
BW-4	4-Feb-15	ND	4.15	--	5.94	1.79	
BW-4	29-Apr-15	ND	7.2	--	5.94	-1.26	
BW-4	14-Jul-15	ND	6.7	--	5.94	-0.76	
BW-4	13-Oct-15	ND	2.8	--	5.94	3.14	
BW-4	10-Nov-15	ND	6.7	--	5.94	-0.76	
BW-4	4-Feb-16	ND	7.44	--	5.94	-1.50	
BW-4	11-May-16	ND	8.08	--	5.94	-2.14	
BW-4	23-Aug-16	ND	7.35	--	5.94	-1.41	
BW-4	10-Nov-16	ND	6.51	--	5.94	-0.57	
BW-4	24-Feb-17	ND	7.34	--	5.94	-1.40	
BW-4	1-May-17	ND	7.15	--	5.94	-1.21	
BW-4	14-Aug-17	ND	4.45	--	5.94	1.49	
BW-4	14-Nov-17	ND	6.58	--	5.94	-0.64	
BW-4	27-Feb-18	ND	7.52	--	5.94	-1.58	
BW-5	25-Apr-11	ND	7.8	--	6.04	-1.76	
BW-5	22-Jul-11	ND	7.75	--	6.04	-1.71	
BW-5	18-Oct-11	ND	6.47	--	6.04	-0.43	
BW-5	16-Jan-12	ND	7.55	--	6.04	-1.51	
BW-5	12-Apr-12	ND	6.24	--	6.04	-0.20	
BW-5	12-Jul-12	ND	4.09	--	6.04	1.95	
BW-5	23-Oct-12	ND	6.5	--	6.04	-0.46	
BW-5	18-Jan-13	ND	6.08	--	6.04	-0.04	
BW-5	18-Apr-13	ND	7.72	--	6.04	-1.68	
BW-5	15-Jul-13	ND	7.37	--	6.04	-1.33	
BW-5	28-Oct-13	ND	7.38	--	6.04	-1.34	
BW-5	27-Jan-14	NM	NM	NM	6.04	NM	Well inaccessible
BW-5	7-Apr-14	ND	7.75	--	6.04	-1.71	
BW-5	18-Jul-14	ND	6.14	--	6.04	-0.10	
BW-5	15-Oct-14	ND	7.18	--	6.04	-1.14	
BW-5	4-Feb-15	ND	4.55	--	6.04	1.49	
BW-5	29-Apr-15	ND	7.46	--	6.04	-1.42	
BW-5	14-Jul-15	ND	6.95	--	6.04	-0.91	
BW-5	13-Oct-15	ND	3.2	--	6.04	2.84	
BW-5	10-Nov-15	ND	6.98	--	6.04	-0.94	
BW-5	4-Feb-16	ND	7.69	--	6.04	-1.65	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
BW-5	11-May-16	ND	8.13	--	6.04	-2.09	
BW-5	23-Aug-16	ND	7.51	--	6.04	-1.47	
BW-5	10-Nov-16	ND	6.83	--	6.04	-0.79	
BW-5	24-Feb-17	ND	7.34	--	6.04	-1.30	
BW-5	1-May-17	ND	7.26	--	6.04	-1.22	
BW-5	14-Aug-17	ND	7.32	--	6.04	-1.28	
BW-5	14-Nov-17	ND	6.8	--	6.04	-0.76	
BW-5	27-Feb-18	ND	7.65	--	6.04	-1.61	
BW-6	25-Apr-11	ND	7.7	--	5.94	-1.76	
BW-6	22-Jul-11	ND	7.65	--	5.94	-1.71	
BW-6	18-Oct-11	ND	6.46	--	5.94	-0.52	
BW-6	16-Jan-12	ND	7.62	--	5.94	-1.68	
BW-6	12-Apr-12	ND	6.04	--	5.94	-0.10	
BW-6	12-Jul-12	ND	3.88	--	5.94	2.06	
BW-6	23-Oct-12	ND	6.62	--	5.94	-0.68	
BW-6	18-Jan-13	ND	5.97	--	5.94	-0.03	
BW-6	18-Apr-13	ND	7.56	--	5.94	-1.62	
BW-6	15-Jul-13	ND	7.15	--	5.94	-1.21	
BW-6	28-Oct-13	ND	7.13	--	5.94	-1.19	
BW-6	27-Jan-14	NM	NM	NM	5.94	NM	Well inaccessible
BW-6	7-Apr-14	ND	7.54	--	5.94	-1.60	
BW-6	18-Jul-14	ND	5.85	--	5.94	0.09	
BW-6	15-Oct-14	ND	6.88	--	5.94	-0.94	
BW-6	4-Feb-15	NM	NM	NM	5.94	NM	Frozen Jplug
BW-6	29-Apr-15	ND	7.4	--	5.94	-1.46	
BW-6	14-Jul-15	ND	6.72	--	5.94	-0.78	
BW-6	13-Oct-15	ND	2.88	--	5.94	3.06	
BW-6	10-Nov-15	ND	6.76	--	5.94	-0.82	
BW-6	4-Feb-16	ND	7.7	--	5.94	-1.76	
BW-6	11-May-16	ND	8.24	--	5.94	-2.30	
BW-6	23-Aug-16	ND	7.48	--	5.94	-1.54	
BW-6	10-Nov-16	ND	6.59	--	5.94	-0.65	
BW-6	24-Feb-17	ND	7.57	--	5.94	-1.63	
BW-6	1-May-17	ND	7.25	--	5.94	-1.31	
BW-6	14-Aug-17	ND	7.22	--	5.94	-1.28	
BW-6	14-Nov-17	ND	6.6	--	5.94	-0.66	
BW-6	27-Feb-18	ND	7.76	--	5.94	-1.82	
BW-7	25-Apr-11	ND	7.92	--	6.08	-1.84	
BW-7	22-Jul-11	ND	7.71	--	6.08	-1.63	
BW-7	18-Oct-11	ND	6.47	--	6.08	-0.39	
BW-7	16-Jan-12	ND	7.6	--	6.08	-1.52	
BW-7	12-Apr-12	ND	6.1	--	6.08	-0.02	
BW-7	12-Jul-12	ND	4.85	--	6.08	1.23	
BW-7	23-Oct-12	ND	6.6	--	6.08	-0.52	
BW-7	18-Jan-13	ND	5.96	--	6.08	0.12	
BW-7	18-Apr-13	ND	7.68	--	6.08	-1.60	
BW-7	15-Jul-13	ND	7.3	--	6.08	-1.22	
BW-7	28-Oct-13	ND	7.38	--	6.08	-1.30	
BW-7	27-Jan-14	NM	NM	NM	6.08	NM	Well inaccessible
BW-7	7-Apr-14	ND	7.75	--	6.08	-1.67	
BW-7	18-Jul-14	ND	6.12	--	6.08	-0.04	
BW-7	15-Oct-14	ND	7.1	--	6.08	-1.02	
BW-7	4-Feb-15	ND	4.5	--	6.08	1.58	
BW-7	29-Apr-15	ND	7.46	--	6.08	-1.38	
BW-7	14-Jul-15	ND	6.88	--	6.08	-0.80	
BW-7	13-Oct-15	ND	2.92	--	6.08	3.16	
BW-7	10-Nov-15	ND	6.94	--	6.08	-0.86	
BW-7	4-Feb-16	ND	7.83	--	6.08	-1.75	
BW-7	11-May-16	ND	8.31	--	6.08	-2.23	
BW-7	23-Aug-16	ND	7.61	--	6.08	-1.53	
BW-7	10-Nov-16	ND	6.76	--	6.08	-0.68	
BW-7	24-Feb-17	ND	7.69	--	6.08	-1.61	
BW-7	1-May-17	ND	7.43	--	6.08	-1.35	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
BW-7	14-Aug-17	ND	7.33	--	6.08	-1.25	
BW-7	14-Nov-17	ND	6.79	--	6.08	-0.71	
BW-7	27-Feb-18	ND	7.88	--	6.08	-1.80	
BW-8	25-Apr-11	ND	7.8	--	5.88	-1.92	
BW-8	22-Jul-11	ND	7.69	--	5.88	-1.81	
BW-8	18-Oct-11	ND	6.55	--	5.88	-0.67	
BW-8	16-Jan-12	ND	7.66	--	5.88	-1.78	
BW-8	12-Apr-12	ND	6.12	--	5.88	-0.24	
BW-8	12-Jul-12	ND	3.85	--	5.88	2.03	
BW-8	23-Oct-12	ND	6.85	--	5.88	-0.97	
BW-8	18-Jan-13	ND	5.5	--	5.88	0.38	
BW-8	18-Apr-13	ND	7.25	--	5.88	-1.37	
BW-8	15-Jul-13	ND	7.12	--	5.88	-1.24	
BW-8	28-Oct-13	ND	7	--	5.88	-1.12	
BW-8	27-Jan-14	NM	NM	NM	5.88	NM	Well inaccessible
BW-8	7-Apr-14	ND	7.55	--	5.88	-1.67	
BW-8	18-Jul-14	ND	6.15	--	5.88	-0.27	
BW-8	15-Oct-14	ND	6.75	--	5.88	-0.87	
BW-8	4-Feb-15	ND	4.17	--	5.88	1.71	
BW-8	29-Apr-15	ND	7.16	--	5.88	-1.28	
BW-8	14-Jul-15	ND	7.48	--	5.88	-1.60	
BW-8	13-Oct-15	ND	2.59	--	5.88	3.29	
BW-8	10-Nov-15	ND	6.54	--	5.88	-0.66	
BW-8	4-Feb-16	ND	7.48	--	5.88	-1.60	
BW-8	11-May-16	ND	7.94	--	5.88	-2.06	
BW-8	23-Aug-16	ND	7.22	--	5.88	-1.34	
BW-8	10-Nov-16	ND	6.35	--	5.88	-0.47	
BW-8	24-Feb-17	ND	7.28	--	5.88	-1.40	
BW-8	1-May-17	ND	6.97	--	5.88	-1.09	
BW-8	14-Aug-17	ND	6.91	--	5.88	-1.03	
BW-8	14-Nov-17	ND	6.35	--	5.88	-0.47	
BW-8	27-Feb-18	ND	7.51	--	5.88	-1.63	
BW-9	25-Apr-11	ND	8.05	--	6.3	-1.75	
BW-9	22-Jul-11	ND	7.91	--	6.3	-1.61	
BW-9	18-Oct-11	ND	6.58	--	6.3	-0.28	
BW-9	16-Jan-12	ND	8.06	--	6.3	-1.76	
BW-9	12-Apr-12	ND	6.26	--	6.3	0.04	
BW-9	12-Jul-12	ND	4.26	--	6.3	2.04	
BW-9	23-Oct-12	ND	7.03	--	6.3	-0.73	
BW-9	18-Jan-13	ND	6.31	--	6.3	-0.01	
BW-9	18-Apr-13	ND	8.8	--	6.3	-2.50	
BW-9	15-Jul-13	ND	7.3	--	6.3	-1.00	
BW-9	28-Oct-13	ND	7.48	--	6.3	-1.18	
BW-9	27-Jan-14	NM	NM	NM	6.3	NM	Well inaccessible
BW-9	7-Apr-14	ND	7.65	--	6.3	-1.35	
BW-9	18-Jul-14	ND	5.85	--	6.3	0.45	
BW-9	15-Oct-14	ND	7.38	--	6.3	-1.08	
BW-9	4-Feb-15	ND	4.69	--	6.3	1.61	
BW-9	29-Apr-15	ND	7.64	--	6.3	-1.34	
BW-9	14-Jul-15	ND	6.68	--	6.3	-0.38	
BW-9	13-Oct-15	ND	3.15	--	6.3	3.15	
BW-9	10-Nov-15	ND	7.11	--	6.3	-0.81	
BW-9	4-Feb-16	ND	7.9	--	6.3	-1.60	
BW-9	11-May-16	ND	8.58	--	6.3	-2.28	
BW-9	23-Aug-16	ND	7.75	--	6.3	-1.45	
BW-9	10-Nov-16	ND	6.91	--	6.3	-0.61	
BW-9	24-Feb-17	ND	7.81	--	6.3	-1.51	
BW-9	1-May-17	ND	7.6	--	6.3	-1.30	
BW-9	14-Aug-17	ND	7.52	--	6.3	-1.22	
BW-9	14-Nov-17	ND	6.94	--	6.3	-0.64	
BW-9	27-Feb-18	ND	8.09	--	6.3	-1.79	
BW-10	25-Apr-11	ND	7.95	--	6.13	-1.82	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
BW-10	22-Jul-11	ND	7.75	--	6.13	-1.62	
BW-10	18-Oct-11	ND	6.39	--	6.13	-0.26	
BW-10	16-Jan-12	ND	8.04	--	6.13	-1.91	
BW-10	12-Apr-12	ND	6.24	--	6.13	-0.11	
BW-10	12-Jul-12	ND	4.25	--	6.13	1.88	
BW-10	23-Oct-12	ND	7.02	--	6.13	-0.89	
BW-10	18-Jan-13	ND	6.12	--	6.13	0.01	
BW-10	18-Apr-13	ND	7.88	--	6.13	-1.75	
BW-10	15-Jul-13	ND	7.41	--	6.13	-1.28	
BW-10	28-Oct-13	ND	7.53	--	6.13	-1.40	
BW-10	27-Jan-14	NM	NM	NM	6.13	NM	Well inaccessible
BW-10	7-Apr-14	ND	8.05	--	6.13	-1.92	
BW-10	18-Jul-14	ND	6.4	--	6.13	-0.27	
BW-10	15-Oct-14	ND	7.45	--	6.13	-1.32	
BW-10	4-Feb-15	ND	4.81	--	6.13	1.32	
BW-10	29-Apr-15	ND	7.81	--	6.13	-1.68	
BW-10	14-Jul-15	ND	7.22	--	6.13	-1.09	
BW-10	13-Oct-15	ND	3.22	--	6.13	2.91	
BW-10	10-Nov-15	ND	7.41	--	6.13	-1.28	
BW-10	4-Feb-16	ND	8.22	--	6.13	-2.09	
BW-10	11-May-16	ND	8.76	--	6.13	-2.63	
BW-10	23-Aug-16	ND	8.04	--	6.13	-1.91	
BW-10	10-Nov-16	ND	7.19	--	6.13	-1.06	
BW-10	24-Feb-17	ND	8.11	--	6.13	-1.98	
BW-10	1-May-17	ND	7.88	--	6.13	-1.75	
BW-10	14-Aug-17	ND	7.76	--	6.13	-1.63	
BW-10	14-Nov-17	ND	7.3	--	6.13	-1.17	
BW-10	27-Feb-18	ND	8.6	--	6.13	-2.47	
BW-11	25-Apr-11	ND	8.14	--	6.28	-1.86	
BW-11	22-Jul-11	ND	7.84	--	6.28	-1.56	
BW-11	18-Oct-11	ND	6.41	--	6.28	-0.13	
BW-11	16-Jan-12	ND	8.18	--	6.28	-1.90	
BW-11	12-Apr-12	ND	6.48	--	6.28	-0.20	
BW-11	12-Jul-12	ND	4.25	--	6.28	2.03	
BW-11	23-Oct-12	ND	7	--	6.28	-0.72	
BW-11	18-Jan-13	ND	6.4	--	6.28	-0.12	
BW-11	18-Apr-13	ND	8	--	6.28	-1.72	
BW-11	15-Jul-13	ND	7.15	--	6.28	-0.87	
BW-11	28-Oct-13	ND	7.75	--	6.28	-1.47	
BW-11	27-Jan-14	NM	NM	NM	6.28	NM	Well inaccessible
BW-11	7-Apr-14	ND	8.18	--	6.28	-1.90	
BW-11	18-Jul-14	ND	6.55	--	6.28	-0.27	
BW-11	15-Oct-14	ND	7.6	--	6.28	-1.32	
BW-11	4-Feb-15	ND	4.91	--	6.28	1.37	
BW-11	29-Apr-15	ND	7.93	--	6.28	-1.65	
BW-11	14-Jul-15	ND	7.42	--	6.28	-1.14	
BW-11	13-Oct-15	ND	3.34	--	6.28	2.94	
BW-11	10-Nov-15	ND	7.56	--	6.28	-1.28	
BW-11	4-Feb-16	ND	8.48	--	6.28	-2.20	
BW-11	11-May-16	ND	8.99	--	6.28	-2.71	
BW-11	23-Aug-16	ND	8.27	--	6.28	-1.99	
BW-11	10-Nov-16	ND	7.37	--	6.28	-1.09	
BW-11	24-Feb-17	ND	8.26	--	6.28	-1.98	
BW-11	1-May-17	ND	8.1	--	6.28	-1.82	
BW-11	14-Aug-17	ND	7.6	--	6.28	-1.32	
BW-11	14-Nov-17	ND	7.53	--	6.28	-1.25	
BW-11	27-Feb-18	ND	8.91	--	6.28	-2.63	
BW-12	25-Apr-11	ND	8.32	--	6.41	-1.91	
BW-12	22-Jul-11	ND	7.96	--	6.41	-1.55	
BW-12	18-Oct-11	ND	6.3	--	6.41	0.11	
BW-12	16-Jan-12	ND	8.27	--	6.41	-1.86	
BW-12	12-Apr-12	ND	6.59	--	6.41	-0.18	
BW-12	12-Jul-12	ND	4.4	--	6.41	2.01	

Table 4
Monitoring Well Gauging Data
ExxonMobil Former Pratt Oil Works
Review Avenue, Long Island City, Queens, New York

MW ID	GAUGING DATE	DEPTH TO LNAPL (feet below measuring point)	DEPTH TO WATER (feet below measuring point)	APPARENT LNAPL THICKNESS (feet)	TOP OF CASING (feet relative to NAVD88)	WATER TABLE ELEVATION (feet relative to NAVD88)	Comments
BW-12	23-Oct-12	ND	7.24	--	6.41	-0.83	
BW-12	18-Jan-13	ND	6.42	--	6.41	-0.01	
BW-12	18-Apr-13	ND	8.19	--	6.41	-1.78	
BW-12	15-Jul-13	ND	7.38	--	6.41	-0.97	
BW-12	28-Oct-13	ND	7.84	--	6.41	-1.43	
BW-12	27-Jan-14	NM	NM	NM	6.41	NM	Well inaccessible
BW-12	7-Apr-14	ND	8.28	--	6.41	-1.87	
BW-12	18-Jul-14	ND	6.78	--	6.41	-0.37	
BW-12	15-Oct-14	ND	7.66	--	6.41	-1.25	
BW-12	4-Feb-15	ND	5.14	--	6.41	1.27	
BW-12	29-Apr-15	ND	8.06	--	6.41	-1.65	
BW-12	14-Jul-15	ND	7.65	--	6.41	-1.24	
BW-12	13-Oct-15	ND	3.35	--	6.41	3.06	
BW-12	10-Nov-15	ND	7.83	--	6.41	-1.42	
BW-12	4-Feb-16	ND	8.63	--	6.41	-2.22	
BW-12	11-May-16	ND	9.16	--	6.41	-2.75	
BW-12	23-Aug-16	ND	8.5	--	6.41	-2.09	
BW-12	10-Nov-16	ND	8.59	--	6.41	-2.18	
BW-12	24-Feb-17	ND	8.46	--	6.41	-2.05	
BW-12	1-May-17	ND	8.29	--	6.41	-1.88	
BW-12	14-Aug-17	ND	8.18	--	6.41	-1.77	
BW-12	14-Nov-17	ND	7.74	--	6.41	-1.33	
BW-12	27-Feb-18	ND	9.24	--	6.41	-2.83	

Notes:

ND = Non-detect

NM = Not measured

WM = Waste Management (Parcel A Owner)

LNAPL = Light Non-Aqueous Phase Liquid

1. Top of casing and groundwater elevations are presented in feet as referenced to the North American Datum of 1988 (NAVD88)

2. Water table elevations in wells with LNAPL are modified according to the following formula:

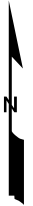
(top of casing elevation - depth to water) + (specific gravity * LNAPL thickness).

3. Monitoring Wells located within Parcel A were resurveyed on September 9 and 30, 2015 due to regrading of the Parcel.

Top of casing elevation for each Parcel A monitoring well was modified based on approximate timeframe of regrading for that well.

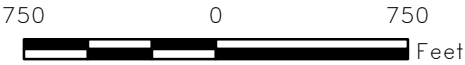
FIGURES

1. Site Location Map
2. Monitoring Well Hydrograph for MW-42
3. Monitoring Well Hydrograph for MW-48D
4. Monitoring Well Hydrograph for MW-49M
5. Monitoring Well Hydrograph for MW-50



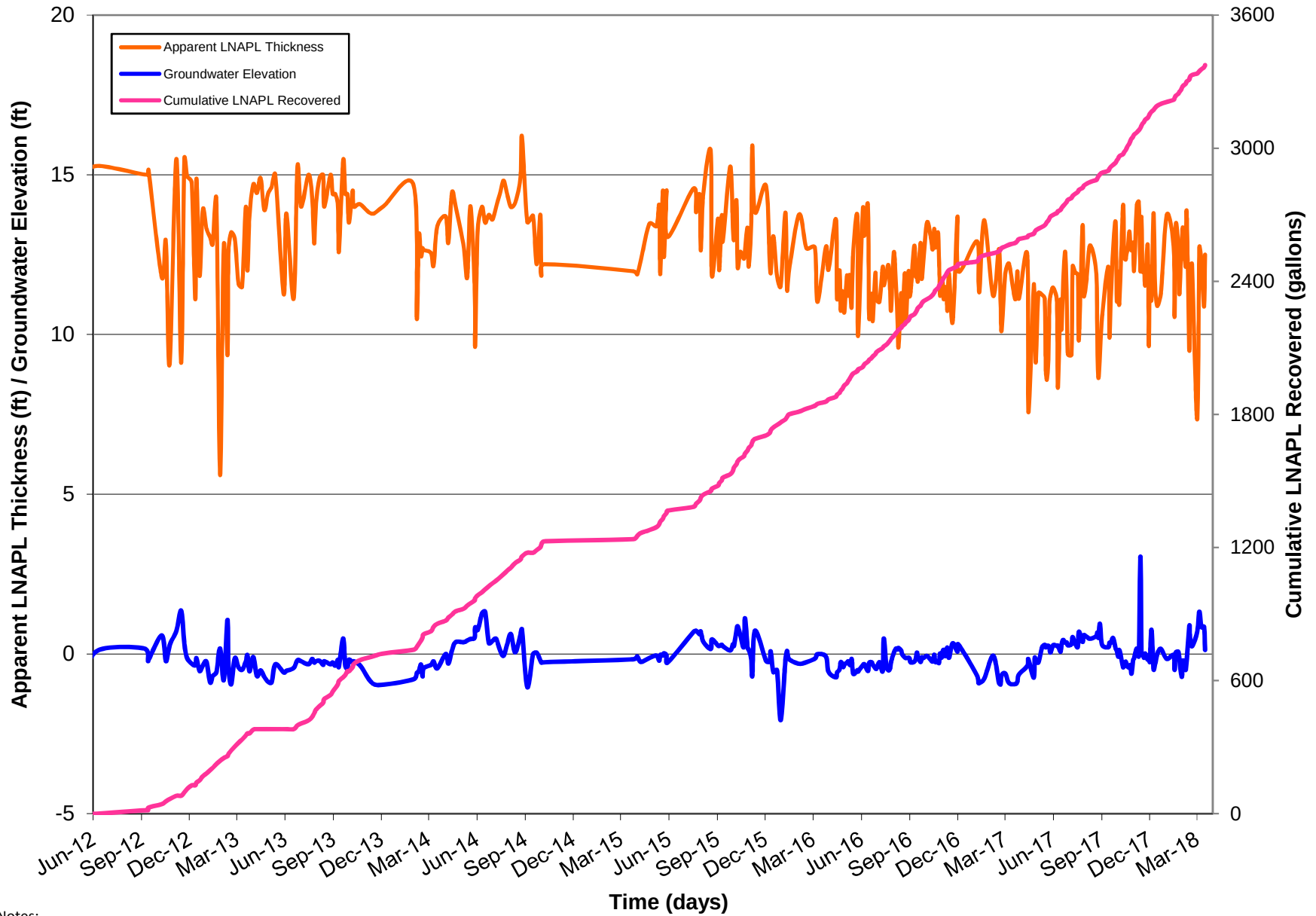
LEGEND

— SITE BOUNDARY



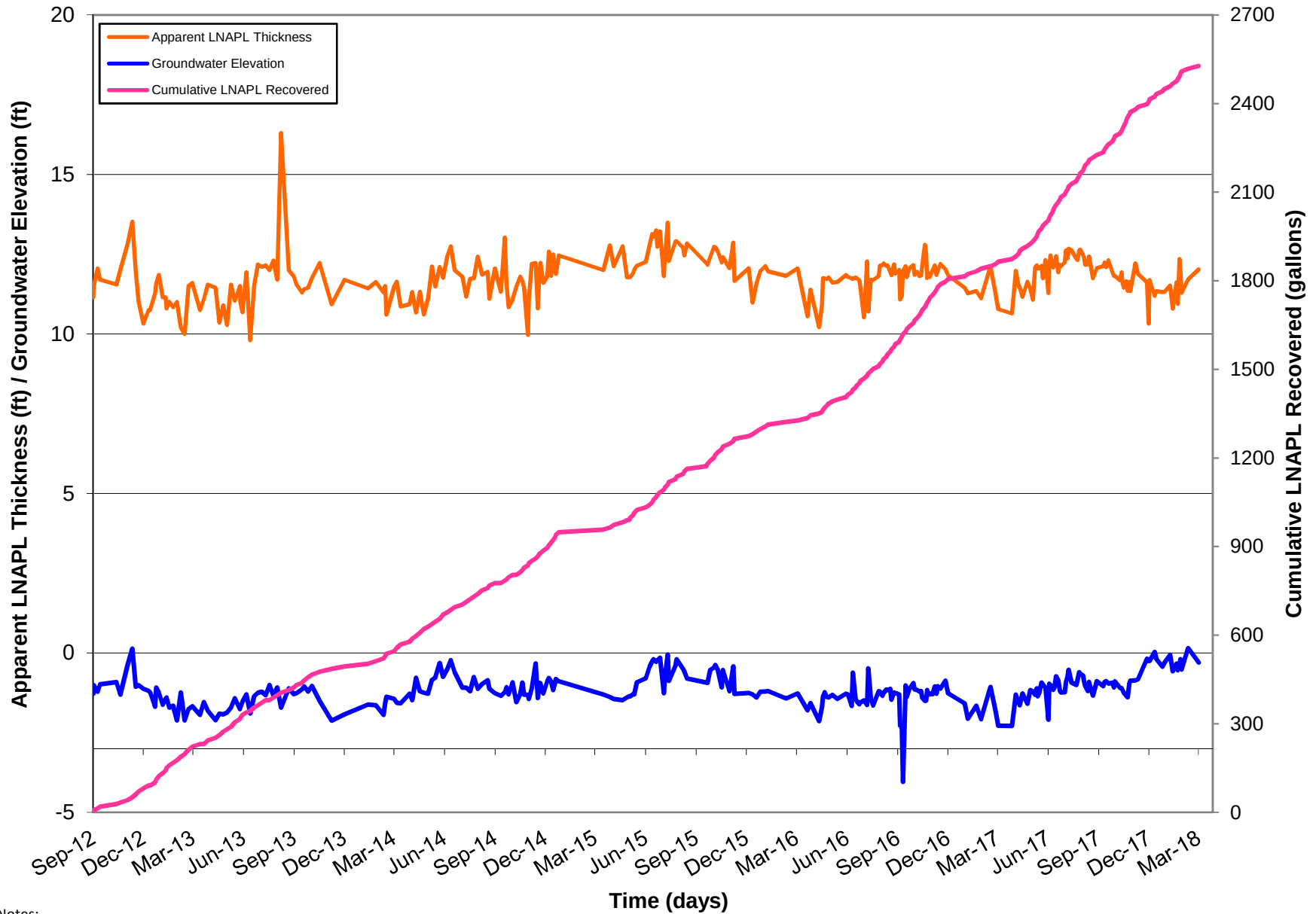
Title: SITE LOCATION MAP			
SITE STATUS UPDATE REPORT FORMER PRATT OIL WORKS LONG ISLAND CITY, QUEENS, NEW YORK			
Prepared For: EXXONMOBIL OIL CORPORATION BROOKLYN, NEW YORK			
	Compiled by: B.T.	Date: 20APR18	FIGURE 1
	Prepared by: M.R.	Scale: AS SHOWN	
	Project Mgr: D.H.	Project: 0172.0291Y003	
	File: 0172.0291Y239.1.mxd		

FIGURE 2
Monitoring Well Hydrograph for MW-42
Former Pratt Oil Works, Long Island City, New York



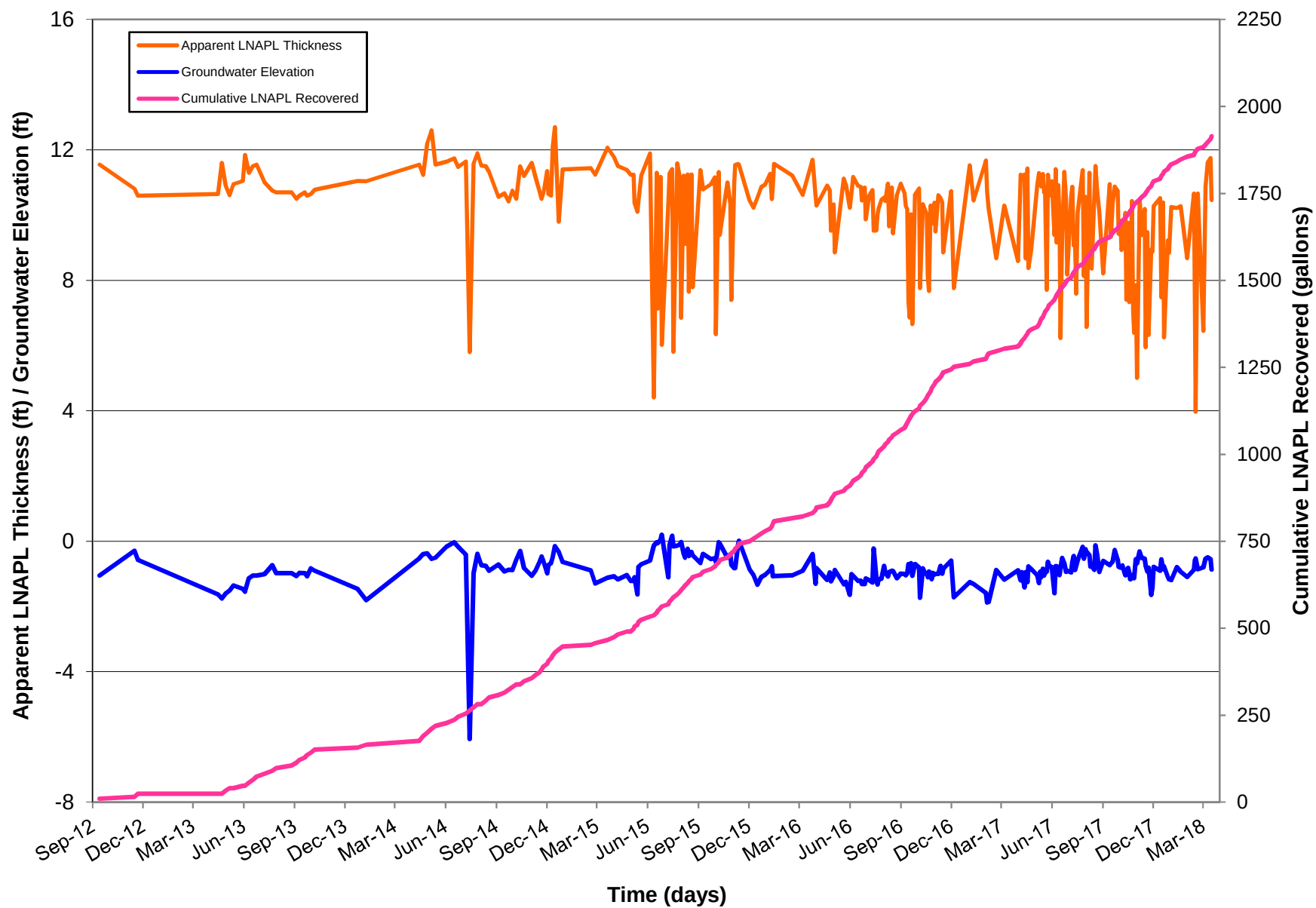
Notes:
Groundwater elevations are presented in feet as referenced to the North American Datum of 1988 (NAVD88)
ft - feet

FIGURE 3
Monitoring Well Hydrograph for MW-48D
 Former Pratt Oil Works, Long Island City, New York



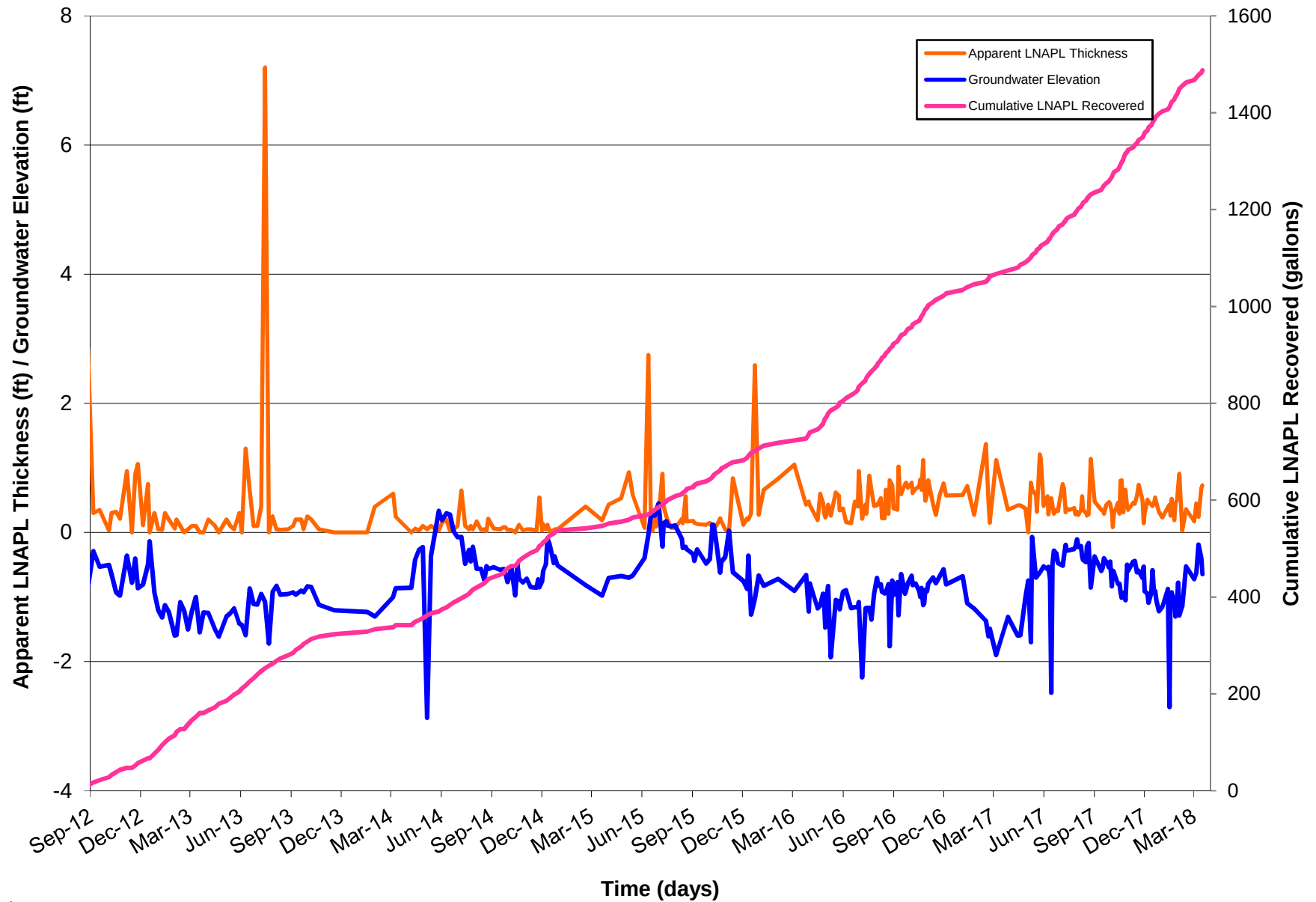
Notes:
 Groundwater elevations are presented in feet as referenced to the North American Datum of 1988 (NAVD88)
 ft - feet

FIGURE 4
Monitoring Well Hydrograph for MW-49M
Former Pratt Oil Works, Long Island City, New York



Notes:
Groundwater elevations are presented in feet as referenced to the North American Datum of 1988 (NAVD88)
ft - feet

FIGURE 5
Monitoring Well Hydrograph for MW-50
Former Pratt Oil Works, Long Island City, New York



Notes:
Groundwater elevations are presented in feet as referenced to the North American Datum of 1988 (NAVD88)
ft - feet

APPENDICES

- A. Absorbent Boom Photographs
- B. LNAPL Transport Documentation

APPENDIX A

Absorbent Boom Photographs



Photograph 1: 1/10/2018



Photograph 2: 1/29/2018



Photograph 3: 2/2/2018



Photograph 4: 2/15/2018



Photograph 5: 3/9/2018



Photograph 6: 3/14/2018

APPENDIX B

LNAPL Transport Documentation

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No.

30838

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier **4801 S. WOOD AVE. - LINDEN, NJ 07036** SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations.

at _____, date **01/03/18** from **LINDEN, NJ 07036**

the Property described below, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:		FROM:	
Consignee	CLEAN WATERS OF NEW YORK	Shipper	EXXON MOBIL
Street	3249 RICHMOND TERR	Street	400 KINGSLAND AVE
Destination	STATEN ISLAND, NY	Origin	BROOKLYN, NY
Zip	10303	Zip	11222

Route **TRUCK**Delivering Carrier **AUCHTER INDUSTRIAL**

Vehicle Number

10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	NA1993	COMBUSTIBLE LIQUIDS, N.O.S.	3	III	3000		G
			(#2 FUEL OIL, LUBE OIL & WATER)					
			ERG 128					
			Received					

Remit COD to:

Address:

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per **On Behalf of ExxonMobil**

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ Collect☐ BY SHIPPER ☒ BY CARRIER

PLACARDS SUPPLIED

DRIVER'S SIGNATURE:

SHIPPER: **EXXON MOBIL**PER: **On Behalf of ExxonMobil** DATE: **01/03/18**CARRIER: **AUCHTER INDUSTRIAL VAC SERVICE, INC.**PER: **David Hurtado** DATE: **01/03/18**EMERGENCY RESPONSE
TELEPHONE NUMBER: **908-862-2277**NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

1st Pickup AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

JOB -

clean water

FOR:

Roux Brooklyn

Date 01/03/18		Day Wednesday		A.I.V. Shop From - 0530		Hours To -		A.I.V. Shop	
Supervisor	Hours	Overtime	Operators Jesús Hurtado		Hours	Overtime			
Foreman:									
Laborers			Equipment:						
BOL # 30838			TRUCK # 10				IN 0715		
Gortals Bldg			1000 Gall Cap				OUT		
Vannozzo Bldg			3000 Gall				IN		
							OUT		

Remarks: VAC out, tanks 5, 7, 29, 15, 36 Run Load To
Clean water

A.I.V. Rep. Jesús Hurtado Customer Rep. X

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No.

32246

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036

SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations.

at 12/8/18, date 12/8/18 from TRS 5,924

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:			FROM:		
Consignee	EXXON MOBIL		Shipper	EXXON MOBIL	
Street	400 KINGSLAND AVE		Street	39-14 REVIEW AVE	
Destination	BROOKLYN, NY	Zip 11222	Origin	LONG ISLAND CITY, NY	Zip 11101

Route TRUCK

Delivering Carrier AUCHTER INDUSTRIAL

Vehicle Number 10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1268	PETROLEUM PRODUCTS, N.O.S. (#2 OIL KEROSENE, GASOLINE & WATER) ERG 128	3	III	190		G
Received <i>[Signature]</i>								

Remit COD to:

Address:

City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per *[Signature]*

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐

FREIGHT CHARGES:

☐ Prepaid ☒ CollectPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIEDDRIVER'S
SIGNATURE:☐ BY SHIPPER☒ BY CARRIER

SHIPPER: EXXON MOBIL

PER: *[Signature]* DATE: 12/8/18

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: *[Signature]* DATE: 12/8/18EMERGENCY RESPONSE
TELEPHONE NUMBER: 908-862-2277NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036
 (908) 862-2277

JOB -

FOR:

Date <u>12/10/2012</u>			Day <u>Monday</u>		A.I.V. Shop Hours		A.I.V. Shop	
					From - <u>07:30</u>		To -	
Supervisor	Hours	Overtime	Operators			Hours	Overtime	
			<u>Paul P...</u>					
Foreman:								
Laborers			Equipment:					
<u>1st</u>			<u>#10</u>				IN <u>07:00</u>	
<u>2nd</u>			<u>4th</u>				OUT	
<u>3rd</u>			<u>7th</u>				IN	
			<u>Various</u>				OUT	
Remarks: <u>Vehicle & equipment for 1st shift. 2nd shift. 3rd shift. 4th shift. 7th shift. Various other shifts.</u>								
A.I.V. Rep. <u>[Signature]</u>				Customer Rep. X <u>[Signature]</u>				

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No.

32426

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036 SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 1/13/18 from Trk 5924 + 100pm

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:				FROM:			
Consignee	EXXON MOBIL			Shipper	EXXON MOBIL		
Street	400 KINGSLAND AVE			Street	39-14 REVIEW AVE		
Destination	BROOKLYN, NY	Zip	11222	Origin	LONG ISLAND CITY, NY	Zip	11101

Route TRUCKDelivering Carrier AUCHTER INDUSTRIALVehicle Number 10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1993	FLAMMABLE LIQUIDS N.O.S. (#2 OIL, KEROSENE, GASOLINE & WATER) ERG 128	3	III	330		G
Received <u>X</u> <u>For 330</u>								

Remit COD to:

Address:

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ CollectSHIPPER: EXXON MOBILPER: [Signature] DATE: 1/13/18EMERGENCY RESPONSE
TELEPHONE NUMBER: 908-862-2277CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.PER: [Signature] DATE: 1/13/18NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:PLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIEDDRIVER'S
SIGNATURE: [Signature]☐ BY SHIPPER ☒ BY CARRIER

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

JOB -

FOR:

Date <u>1/15/80</u>		Day <u>Monday</u>		A.I.V. Shop		Hours		A.I.V. Shop	
				From - <u>12:30</u>		To -			
Supervisor		Hours	Overtime	Operators				Hours	Overtime
				<u>Paul Pissonev</u>					
Foreman:									
Laborers				Equipment:					
<u>330 G-400</u>				<u>#11 4 1/2" x 10"</u>				IN	<u>12:30</u>
<u>He 2000</u>				<u>4000 G-400 in Ch</u>				OUT	<u>12:30</u>
<u>7000 G-400 + 1000</u>				<u>Tells R-400 1000</u>				IN	
				<u>Verizon R</u>				OUT	
Remarks:	<u>Verizon R-400 1000 in the Power R-400 1000</u>								
	<u>Paul P. 12:30 - 1:00 in the Power R-400 1000</u>								
A.I.V. Rep.	<u>[Signature]</u>				Customer Rep. X <u>[Signature]</u>				

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the AgentShipper's No. **32427****AUCHTER INDUSTRIAL VAC SERVICE, INC.**Carrier **4801 S. WOOD AVE. - LINDEN, NJ 07036** SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations.

at _____, date **01/22/18** from **TANKS 5,9,24 + DIUW**

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:				FROM:			
Consignee	EXXON MOBIL			Shipper	EXXON MOBIL		
Street	400 KINGSLAND AVE			Street	39-14 REVIEW AVE		
Destination	BROOKLYN, NY			Origin	LONG ISLAND CITY, NY		
Zip	11222			Zip	11101		

Route **TRUCK**Delivering Carrier **AUCHTER INDUSTRIAL**Vehicle Number **10**

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1993	FLAMMABLE LIQUIDS N.O.S. (#2 OIL, KEROSENE, GASOLINE & WATER) ERG 128	3	III	350		G
Received <i>[Signature]</i>								

Remit COD to:

Address:

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per *[Signature]*Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid☐ Collect☐ BY SHIPPER ☒ BY CARRIERPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIEDDRIVER'S
SIGNATURE: *[Signature]*SHIPPER: **EXXON MOBIL**PER: *[Signature]* DATE: **01/22/18**CARRIER: **AUCHTER INDUSTRIAL VAC SERVICE, INC.**PER: **CAROL HOFFMAN** DATE: **01/22/18**EMERGENCY RESPONSE
TELEPHONE NUMBER: **908-862-2277**NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

431 (Rev. 3/17)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

2

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

JOB -

L. Island tanks

FOR:

Roux Brooklyn

Date 01/22/18		Day Monday		A.I.V. Shop From - 0530		Hours To -		A.I.V. Shop	
Supervisor	Hours	Overtime	Operators	Hours	Overtime				
			Oscar Hurtado						
Foreman:									
Laborers			Equipment:						
BOL # 32427			TRUCK # 10			IN	0715		
TOLLS			4000 gall. cap			OUT			
VERAZANO Bldg			350 gall			IN			
Goethals Bldg						OUT			
Remarks: Vac at Tanks 3, 9, 24 Pump OFF									
On site tank # 36									
A.I.V. Rep.	Oscar Hurtado			Customer Rep. X	Jorge				

THIS SHIPPING ORDER

must be legibly filled in, in ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No.

32428

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036 SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 1/23/18 from TK 5, 24 + 1 drum

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:		FROM:	
Consignee	EXXON MOBIL	Shipper	EXXON MOBIL
Street	400 KINGSLAND AVE	Street	39-14 REVIEW AVE
Destination	BROOKLYN, NY	Origin	LONG ISLAND CITY, NY
Zip	11222	Zip	11101

Route TRUCKDelivering Carrier AUCHTER INDUSTRIALVehicle Number 10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1993	FLAMMABLE LIQUIDS N.O.S. (#2 OIL, KEROSENE, GASOLINE & WATER) ERG 128	3	III	275		G
			Received <i>[Signature]</i>					

Remit COD to:

Address:

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ CollectPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIEDDRIVER'S
SIGNATURE:☐ BY SHIPPER ☒ BY CARRIERSHIPPER: EXXON MOBILPER: [Signature] DATE: 1/29/18CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.PER: [Signature] DATE: 1/29/18EMERGENCY RESPONSE
TELEPHONE NUMBER: 908-862-2277NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

JOB -

FOR:

Date <u>1/29/78</u>		Day <u>Friday</u>		A.I.V. Shop Hours		A.I.V. Shop	
				From - <u>05:30</u>		To -	
Supervisor	Hours	Overtime	Operators	Hours	Overtime		
Foreman:							
Laborers			Equipment:				
<u>275</u>			<u>#10</u>			IN	<u>07:00</u>
<u>32472</u>						OUT	<u>07:00</u>
						IN	
						OUT	
Remarks: <u>Vac. - 2nd shift work/night shift. 1st shift. 1st shift.</u>							
<u>1st shift. 1st shift. 1st shift.</u>							
A.I.V. Rep. <u>J. Auchter</u>				Customer Rep. X <u>Tommy</u>			

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent

Shipper's No.

32429

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036 SCAC

Carrier's No.

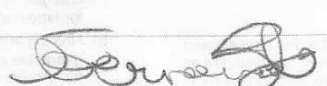
RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at , date 2/5/18 from Tank 5, 9, 24 + 1 drum

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in it or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:				FROM:			
Consignee	EXXON MOBIL			Shipper	EXXON MOBIL		
Street	400 KINGS LAND AVE			Street	39-14 REVIEW AVE		
Destination	BROOKLYN, NY			Origin	LONG ISLAND CITY, NY		
Zip	11222			Zip	11101		

Route		Delivering Carrier		Vehicle Number		U.S. DOT Hazmat Reg. Number	
TRUCK		AUCHTER INDUSTRIAL		10			

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1993	FLAMMABLE LIQUIDS N.O.S. (#2 OIL, KEROSENE, GASOLINE & WATER) ERG 128	3	III	290		G
Received 								

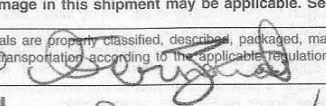
Remit COD to:

Address:

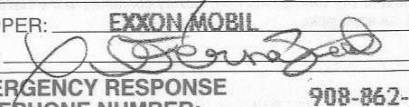
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per 

SHIPPER: EXXON MOBIL

PER:  DATE: 2/5/18EMERGENCY RESPONSE
TELEPHONE NUMBER:

908-862-2277

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ Collect☐ BY SHIPPER ☒ BY CARRIERPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIEDDRIVER'S
SIGNATURE: 

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER:  DATE: 2/5/18NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

(908) 862-2277

JOB -

FOR:

Date		Day		A.I.V. Shop		Hours		A.I.V. Shop	
				From -		To -			
Supervisor				Hours	Overtime	Operators		Hours	Overtime
Foreman:									
Laborers						Equipment:			
									IN
									OUT
									IN
									OUT
Remarks:									
A.I.V. Rep.				Customer Rep. X					

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No.

32430

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036 SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at , date 2-12-18 from TACKS JEW 5-9-

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

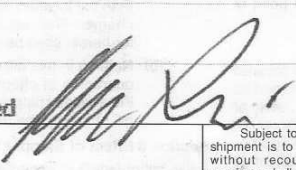
TO:			FROM:		
Consignee	EXXON MOBIL		Shipper	EXXON MOBIL	
Street	400 KINGSLAND AVE		Street	39-14 REVIEW AVE	
Destination	BROOKLYN, NY	Zip 11222	Origin	LONG ISLAND CITY, NY	Zip 11101

Route TRUCK

Delivering Carrier AUCHTER INDUSTRIAL

Vehicle Number 10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1993	FLAMMABLE LIQUIDS N.O.S. (#2 OIL, KEROSENE, GASOLINE & WATER) ERG 128	3	III	450		G
Received 								

Remit COD to:

Address:

City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ Collect☐ BY SHIPPER ☐ BY CARRIERPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIEDDRIVER'S
SIGNATURE:

SHIPPER: EXXON MOBIL

PER: DATE: 2/12/18

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: DATE: 2/12/18

EMERGENCY RESPONSE
TELEPHONE NUMBER: 908-862-2277NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

Tim ULNAP

JOB -

EXXON MOBIL LOGISTICS CITY

FOR:

ROLY ASSOCIATES

Date

2-12-18

Day

Monday

A.I.V. Shop

Hours

A.I.V. Shop

From -

0530

To -

Supervisor

Hours

Overtime

Operators

Hours

Overtime

TOLIS 3 AXLE

Bill Mensinger

Foreman:

GOTHICS BK

VANL 2000 BK

Laborers

Equipment:

4 K VAC TANK #10

IN 0700

Bolt # 32430

OUT 0500

GALLONS 450

IN 0545

Time 5:45

OUT 0930

Remarks:

VAC OUT TANKS DUE TO EXXON MOBILE

Brooklyn Rep. INT. R15

A.I.V. Rep.

Tim ULNAP

Customer Rep. X

[Signature]

THIS MEMORANDUM

is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No.

32432

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036

SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at

date

from

TANKS 5, 9, 14 + 1 DIUM

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Consignee Street Destination		EXXON MOBIL 400 KINGSLAND AVE BROOKLYN, NY Zip 11222		FROM: Shipper Street Origin		EXXON MOBIL 39-14 REVIEW AVE LONG ISLAND CITY, NY Zip 11101		
Route TRUCK								
Delivering Carrier AUCHTER INDUSTRIAL				Vehicle Number 10		U.S. DOT Hazmat Reg. Number		
Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1993	FLAMMABLE LIQUIDS N.O.S. (#2 OIL, KEROSENE, GASOLINE & WATER) ERG 128	3	III	230		G
			Received X					
Remit COD to: Address: City: State: Zip:				Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignor)		COD AMT: \$ TOTAL CHARGES: \$		COD FEE: Prepaid ☐ Collect ☐ \$ FREIGHT CHARGES: ☐ Prepaid ☐ Collect
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per				PLACARDS REQUIRED		PLACARDS SUPPLIED		BY SHIPPER ☐ BY CARRIER ☒
NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).				FLAMMABLE		DRIVER'S SIGNATURE:		
This is to certify that the above-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. Per X				SHIPPER: EXXON MOBIL		CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.		
SHIPPER: EXXON MOBIL				PER: Oscar Hurtado		DATE: 02/19/18		
EMERGENCY RESPONSE TELEPHONE NUMBER: 908-862-2277				NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:				

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

TIM Vlnap

JOB -

Long Island Tanks

FOR:

ROUX BROOKLYN

Date	02/19/18		Day	Monday		A.I.V. Shop	Hours	A.I.V. Shop
						From	0530	To - 1000
Supervisor	Hours	Overtime	Operators			Hours	Overtime	
			Oscar Hurtado					
Foreman:								
Laborers			Equipment:					
Tolls			TRUCK # 10					IN 0715
Goethals Bridge			4000 Gall. Cap					OUT 1000
Verrazano Bridge			2.30 Gall					IN
two ways								OUT
BOL # 32432								

Remarks: Vac out tanks 5, 9, 14 + 1 Dim Pump OFF ON SITE
tank # 36

A.I.V. Rep. Oscar Hurtado Customer Rep. X

THIS SHIPPING ORDER

must be legibly filled in, in ink, in Indelible Pencil, or in Carbon, and retained by the Agent

Shipper's No.

32431

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036 SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 2/24/18 from 7:55 AM + down

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:		FROM:	
Consignee	EXXON MOBIL	Shipper	EXXON MOBIL
Street	400 KINGS LAND AVE	Street	39-14 REVIEW AVE
Destination	BROOKLYN, NY	Origin	LONG ISLAND CITY, NY
Zip	11222	Zip	11101

Route TRUCK

Delivering Carrier AUCHTER INDUSTRIAL

Vehicle Number 10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1993	FLAMMABLE LIQUIDS N.O.S. (#2 OIL, KEROSENE, GASOLINE & WATER) ERG 128	3	III	230		G
Received X [Signature]								

Remit COD to:

Address:

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per [Signature]

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ Collect

PLACARDS SUPPLIED

PLACARDS REQUIRED

FLAMMABLE

DRIVER'S SIGNATURE: [Signature]

SHIPPER: EXXON MOBIL

PER: [Signature] DATE: 2/24/18

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: [Signature] DATE: 2/24/18

EMERGENCY RESPONSE TELEPHONE NUMBER: 908-862-2277

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

JOB -

FOR:

Date		Day		A.I.V. Shop		Hours		A.I.V. Shop	
				From -		To -			
Supervisor	Hours	Overtime	Operators	Hours	Overtime				
Foreman:									
Laborers			Equipment:						
						IN			
						OUT			
						IN			
						OUT			
Remarks:									
A.I.V. Rep.					Customer Rep. X				

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No. _____

31764

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036

SCAC _____

Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 3/5/18 from Tanks 5, 9, & 12

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), packed, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Consignee Street Destination	EXXON MOBIL 400 KINGSLAND AVE BROOKLYN, NY	Zip	11222	FROM: Shipper Street Origin	EXXON MOBIL 39-14 REVIEW AVE LONG ISLAND CITY, NY	Zip	11101
--	--	-----	-------	---	---	-----	-------

Route TRUCK

Delivering Carrier AUCHTER INDUSTRIAL

Vehicle Number 10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1268	PETROLEUM PRODUCTS, N.O.S.	3	III	200		G
			(#2 OIL KEROSENE, GASOLINE & WATER)					
			ERG 128					
			Received					

Remit COD to:

Address:

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$ _____

TOTAL CHARGES:

\$ _____

COD FEE:

Prepaid ☐Collect ☐ \$ _____

FREIGHT CHARGES:

☐ Prepaid ☐ CollectPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIED☐ BY SHIPPER☒ BY CARRIER

SHIPPER: EXXON MOBIL

PER: _____ DATE: 3/5/18

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: _____ DATE: 3/5/18

EMERGENCY RESPONSE
TELEPHONE NUMBER: 908-862-2277NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

JOB -

FOR:

Date	Day	A.I.V. Shop	Hours	A.I.V. Shop
		From -	To -	
Supervisor	Hours	Overtime	Operators	Hours
Foreman:				
Laborers			Equipment:	
				IN
				OUT
				IN
				OUT
Remarks:				
A.I.V. Rep.			Customer Rep. X	

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No.

31759

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036

SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 3/12/18 from Tank 5, 9 + 10 down

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:		FROM:	
Consignee	EXXON MOBIL	Shipper	EXXON MOBIL
Street	400 KINGSLAND AVE	Street	39-14 REVIEW AVE
Destination	BROOKLYN, NY	Origin	LONG ISLAND CITY, NY
Zip	11222	Zip	11101

Route TRUCK

Delivering Carrier AUCHTER INDUSTRIAL

Vehicle Number 10

U.S. DOT Hazmat Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1268	PETROLEUM PRODUCTS, N.O.S.	3	III	150		G
			(#2 OIL KEROSENE, GASOLINE & WATER)					
			ERG 128					
			Received					

Remit COD to:

Address:

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ CollectPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIED☐ BY SHIPPER☒ BY CARRIERDRIVER'S
SIGNATURE: _____

SHIPPER: EXXON MOBIL

PER: _____ DATE: 3/12/18

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: _____ DATE: 3/12/18

EMERGENCY RESPONSE
TELEPHONE NUMBER: 908-862-2277NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

(908) 862-2277

FOR:

Date		Day		A.I.V. Shop		Hours		A.I.V. Shop	
				From -		To -			
Supervisor				Hours	Overtime	Operators		Hours	Overtime
Foreman:									
Laborers						Equipment:			
									IN
									OUT
									IN
									OUT
Remarks:									
A.I.V. Rep.					Customer Rep. X				

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in
Carbon, and retained by the Agent

Shipper's No. _____

30594

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036 SCAC _____

Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date 3/19/18 from Tank 5, 9 + 10 2 am

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word "company" being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:		FROM:	
Consignee	EXXON MOBIL	Shipper	EXXON MOBIL
Street	400 KINGSLAND AVE	Street	39-14 REVIEW AVE
Destination	BROOKLYN, NY	Origin	LONG ISLAND CITY, NY
Zip	11222	Zip	11101

Route TRUCKDelivering Carrier AUCHTER INDUSTRIALVehicle Number 10

U.S. DOT Hazmat Reg. Number _____

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 TT	X	UN1268	PETROLEUM PRODUCTS, N.O.S.	3	III	180		G
			(#2 OIL KEROSENE, GASOLINE & WATER)					
			ERG 128					
			Received <u>X</u> <u>D. Bengt</u>					

Remit COD to:

Address: _____

City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-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. Per _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: _____

\$ _____

TOTAL CHARGES: _____

\$ _____

COD FEE: _____

Prepaid ☐Collect ☐ \$ _____

FREIGHT CHARGES: _____

☐ Prepaid ☐ CollectPLACARDS
REQUIRED

FLAMMABLE

PLACARDS
SUPPLIEDDRIVER'S
SIGNATURE: [Signature]☐ BY SHIPPER ☒ BY CARRIERSHIPPER: EXXON MOBILPER: [Signature] DATE: 3/19/18CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.PER: [Signature] DATE: 3/19/18EMERGENCY RESPONSE
TELEPHONE NUMBER: 908-862-2277NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER: _____

AUCHTER INDUSTRIAL VAC SERVICE INC.

4801 South Wood Avenue, Linden, N.J. 07036

(908) 862-2277

JOB -

FOR:

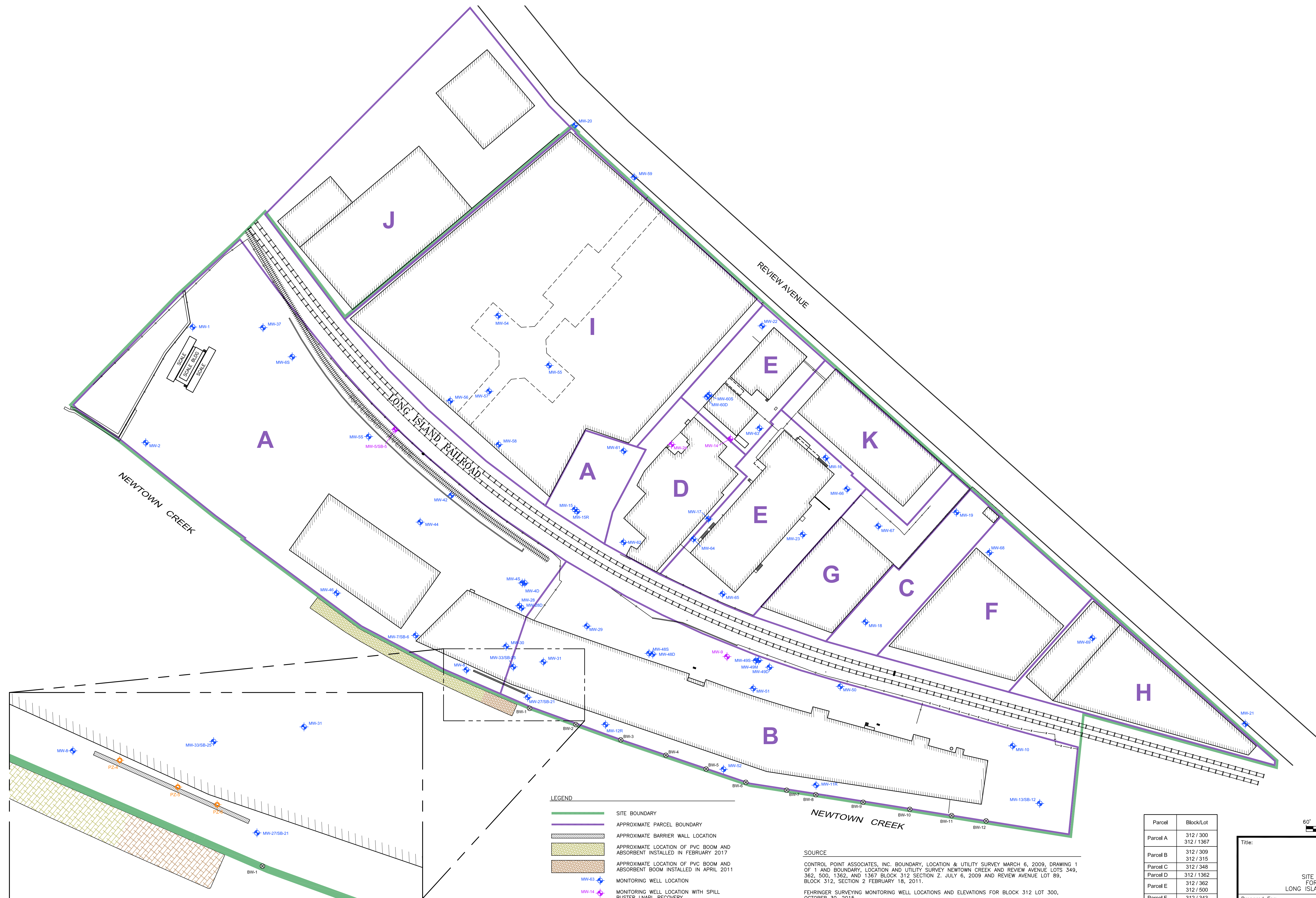
Date <u>3/19/18</u>		Day <u>Monday</u>		A.I.V. Shop Hours		A.I.V. Shop	
				From - <u>07:30</u>		To -	
Supervisor	Hours	Overtime	Operators	Hours	Overtime		
			<u>Paul B...</u>				
Foreman:							
Laborers <u>load</u>			Equipment:				
<u>180 Gallons</u>			<u>#10 4241m</u>			IN	<u>07:00</u>
<u>R/L 30574</u>			<u>4,000 Gallon Capacity</u>			OUT	<u>07:30</u>
<u>1 Tank 15:19</u>			<u>Talk 42000s P...</u>			IN	
			<u>V...</u>			OUT	

Remarks: Vac out Queens with tanks with pump, then offload back
to 15:19

A.I.V. Rep. [Signature] Customer Rep. X [Signature]

PLATES

1. Site Plan
2. Groundwater Elevations and Apparent LNAPL
Thickness February 27, 2018



- LEGEND
- SITE BOUNDARY
 - APPROXIMATE PARCEL BOUNDARY
 - APPROXIMATE BARRIER WALL LOCATION
 - APPROXIMATE LOCATION OF PVC BOOM AND ABSORBENT BOOM INSTALLED IN FEBRUARY 2017
 - APPROXIMATE LOCATION OF PVC BOOM AND ABSORBENT BOOM INSTALLED IN APRIL 2011
 - MONITORING WELL LOCATION
 - MONITORING WELL LOCATION WITH SPILL BUSTER LNAPL RECOVERY
 - SYSTEM BULKHEAD WELL LOCATION
 - PIEZOMETER WELL LOCATION
 - LNAPL LIGHT NON-AQUEOUS PHASE LIQUID
 - PVC POLYVINYL CHLORIDE

SOURCE

CONTROL POINT ASSOCIATES, INC. BOUNDARY, LOCATION & UTILITY SURVEY MARCH 6, 2009, DRAWING 1 OF 1 AND BOUNDARY, LOCATION AND UTILITY SURVEY NEWTOWN CREEK AND REVIEW AVENUE LOTS 349, 362, 500, 1362, AND 1367 BLOCK 312 SECTION 2. JULY 6, 2009 AND REVIEW AVENUE LOT 89, BLOCK 312, SECTION 2 FEBRUARY 18, 2011.

FEHRINGER SURVEYING MONITORING WELL LOCATIONS AND ELEVATIONS FOR BLOCK 312 LOT 300, OCTOBER 30, 2015.

BUILDINGS IN PARCEL C, PARCEL F, PARCEL H AND PARCEL J ARE BASED ON 2014 SATELLITE IMAGE.

CONTROL POINT ASSOCIATES, INC. PIEZOMETER WELL LOCATIONS, MARCH 18, 2016, DRAWING 1 OF 1.

CONTRACTOR'S LINE AND GRADE SOUTH LLC, EXISTING CONDITIONS SURVEY FOR BLOCK 312 LOT 300, JULY 20, 2015.

Parcel	Block/Lot
Parcel A	312 / 300 312 / 1367
Parcel B	312 / 309 312 / 315
Parcel C	312 / 348
Parcel D	312 / 1362
Parcel E	312 / 362 312 / 500
Parcel F	312 / 343
Parcel G	312 / 349
Parcel H	312 / 330
Parcel I	312 / 89
Parcel J	312 / 79
Parcel K	312 / 350



Title: **SITE PLAN**

SITE STATUS UPDATE REPORT
FORMER PRATT OIL WORKS
LONG ISLAND CITY, QUEENS, NEW YORK

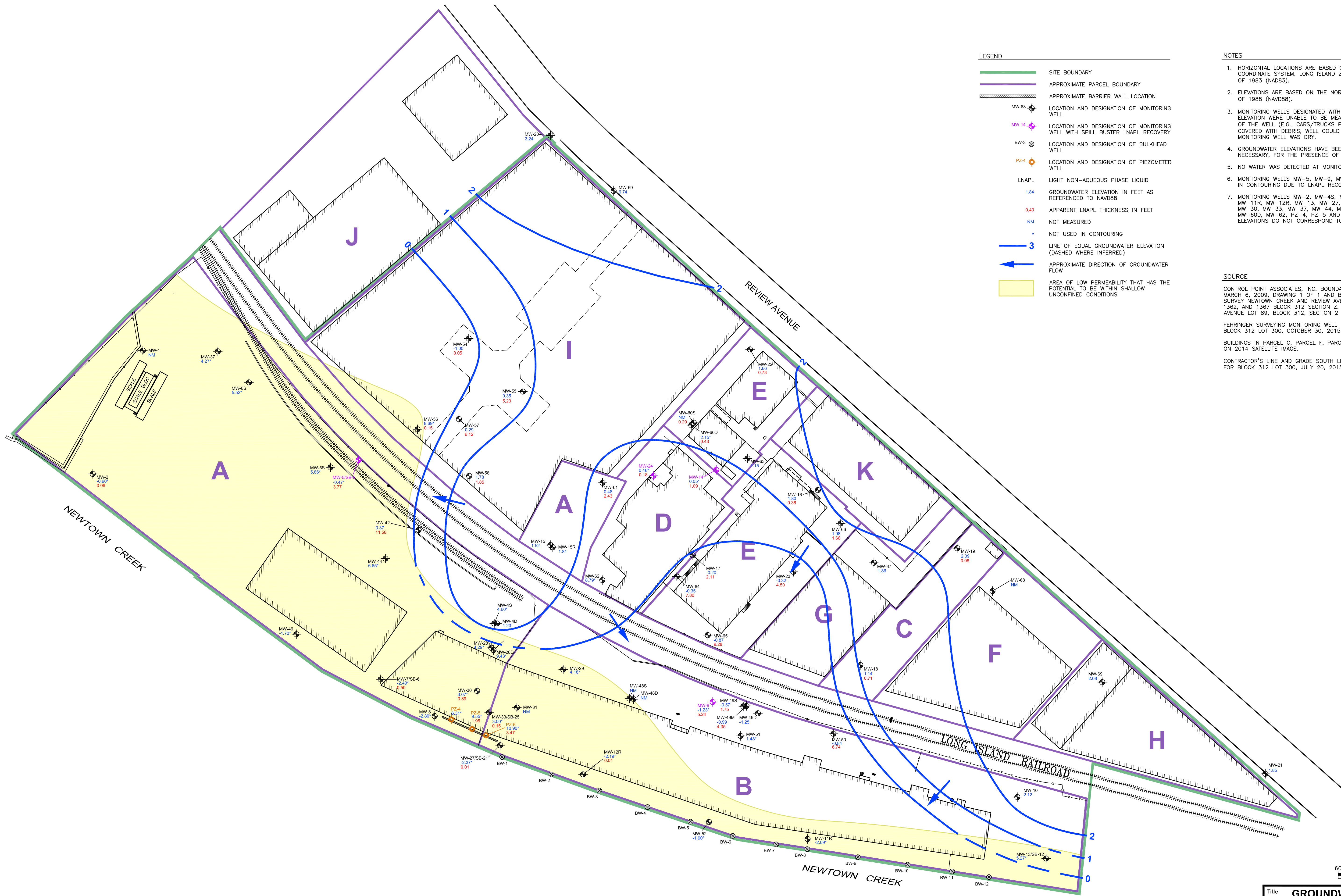
Prepared For: **EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK**

Compiled by: B.T.	Date: 24APR18	PLATE 1
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: T.S.	Project: 0172.0291Y004	

File: 0172.0291Y239.02.DWG



V:\CADD\PROJECTS\0172\0291\239\0172.0291Y239.01.DWG



- LEGEND
- SITE BOUNDARY
 - APPROXIMATE PARCEL BOUNDARY
 - APPROXIMATE BARRIER WALL LOCATION
 - MW-68 LOCATION AND DESIGNATION OF MONITORING WELL
 - MW-14 LOCATION AND DESIGNATION OF MONITORING WELL WITH SPILL BUSTER LNAPL RECOVERY
 - BW-3 LOCATION AND DESIGNATION OF BULKHEAD WELL
 - PZ-4 LOCATION AND DESIGNATION OF PIEZOMETER WELL
 - LNAPL
 - 1.84 GROUNDWATER ELEVATION IN FEET AS REFERENCED TO NAVD88
 - 0.40 APPARENT LNAPL THICKNESS IN FEET
 - NM NOT MEASURED
 - NOT USED IN CONTOURING
 - 3 LINE OF EQUAL GROUNDWATER ELEVATION (DASHED WHERE INFERRED)
 - APPROXIMATE DIRECTION OF GROUNDWATER FLOW
 - AREA OF LOW PERMEABILITY THAT HAS THE POTENTIAL TO BE WITHIN SHALLOW UNCONFINED CONDITIONS

- NOTES
- HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLAN COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
 - ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - MONITORING WELLS DESIGNATED WITH "NM" FOR GROUNDWATER ELEVATION WERE UNABLE TO BE MEASURED DUE TO INACCESSIBILITY OF THE WELL (E.G., CARS/TRUCKS PARKED ON TOP OF WELL, WELL COVERED WITH DEBRIS, WELL COULD NOT BE LOCATED), OR MONITORING WELL WAS DRY.
 - GROUNDWATER ELEVATIONS HAVE BEEN CORRECTED, WHERE NECESSARY, FOR THE PRESENCE OF LNAPL.
 - NO WATER WAS DETECTED AT MONITORING WELL MW-60S.
 - MONITORING WELLS MW-5, MW-9, MW-14, AND MW-24 NOT USED IN CONTOURING DUE TO LNAPL RECOVERY SYSTEM OPERATING.
 - MONITORING WELLS MW-2, MW-4S, MW-5S, MW-6S, MW-7, MW-8, MW-11R, MW-12R, MW-13, MW-27, MW-28, MW-28R, MW-29, MW-30, MW-33, MW-37, MW-44, MW-46, MW-51, MW-52, MW-56, MW-60D, MW-62, PZ-4, PZ-5 AND PZ-6 GROUNDWATER ELEVATIONS DO NOT CORRESPOND TO REGIONAL AQUIFER.

SOURCE

CONTROL POINT ASSOCIATES, INC. BOUNDARY, LOCATION & UTILITY SURVEY MARCH 6, 2009, DRAWING 1 OF 1 AND BOUNDARY, LOCATION AND UTILITY SURVEY NEWTOWN CREEK AND REVIEW AVENUE LOTS 349, 362, 500, 1362, AND 1367 BLOCK 312 SECTION 2, JULY 6, 2009 AND REVIEW AVENUE LOT 89, BLOCK 312, SECTION 2 FEBRUARY 18, 2011.

FEHRINGER SURVEYING MONITORING WELL LOCATIONS AND ELEVATIONS FOR BLOCK 312 LOT 300, OCTOBER 30, 2015.

BUILDINGS IN PARCEL C, PARCEL F, PARCEL H, AND PARCEL J ARE BASED ON 2014 SATELLITE IMAGE.

CONTRACTOR'S LINE AND GRADE SOUTH LLC, EXISTING CONDITIONS SURVEY FOR BLOCK 312 LOT 300, JULY 20, 2015.

60' 0 60'



Title: GROUNDWATER ELEVATIONS AND APPARENT LNAPL THICKNESS FEBRUARY 27, 2018 SITE STATUS UPDATE REPORT FORMER PRATT OIL WORKS LONG ISLAND CITY, QUEENS, NEW YORK			
Prepared For: EXXONMOBIL OIL CORPORATION BROOKLYN, NEW YORK			
	Compiled by: E.B.	Date: 30MAR18	PLATE 2
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: T.S.	Project: 0172.0291Y004	
	File: 0172.0291Y239.01.DWG		