ExxonMobil

Environmental Services

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Brooklyn, New York 11222
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Steve Trifiletti
Project Manager

January 28, 2013

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

Re: Site Status Update Report
August to October 2012
Former Pratt Oil Works
Long Island City, New York
Consent Order Case No. D2-1002-12-07AM
Document Tracking No. S241115

Dear Mr. Davidson:

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

The SSUR summarizes the findings and results of interim remedial measures (IRM) and groundwater gauging activities conducted for the period from August 2012 through October 2012.

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

Very truly yours,

for:
Steve Trifiletti
Project Manager

Enclosure

Via FEDEX Overnight

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

DELIVERED VIA OVERNIGHT CARRIER

January 28, 2013

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

Re: Site Status Update Report
August to October
Former Pratt Oil Works (Project Area)
The Inland Project Area (Tract I)
The Waterfront Project Area (Tract II)
Long Island City, New York 11101
NYSDEC Case No. 07-07418 (Parcel A)
NYSDEC Case No. 08-13060 (Parcel B)
NYSDEC Case No. 07-07417 (Parcel C)
NYSDEC Case No. 09-04539 (Parcel D)
NYSDEC Case No. 09-03356 (Parcel E)
NYSDEC Case No. 12-02509 (Parcel F)
NYSDEC Case No. 09-03488 (Parcel G)
NYSDEC Case No. 09-03616 (Parcel H)
NYSDEC Case No. 09-03287 (Parcel I)
NYSDEC Case No. 11-00246 (Newtown Creek) – Closed
Consent Order Case No. D2-1002-12-07AM
NYSDEC Remedial Tracking No. S241115

Dear Mr. Trifiletti:

Enclosed please find a *Site Status Update Report* (SSUR) prepared by Kleinfelder East, Inc. (Kleinfelder), on behalf of ExxonMobil Environmental Services Company (ExxonMobil), for the Inland and Waterfront Project Areas listed above, which compose Tract I and II (further referred to as the Inland and Waterfront Project Areas, respectively) of the Former Pratt Oil Works (FPOW), further referred to as the Project Area. This SSUR documents the methods and results of interim remedial measures (IRM) conducted for the period from August 2012 through October 2012, including on-going bulkhead sheen investigation activities, and a quarterly groundwater gauging event at the Project Area conducted on October 23, 2012.

1757-24 Veterans Memorial Highway, Islandia, NY 11716 **p | 631.218.0612** **f |** 631.218.0787

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

Very truly yours,
Kleinfelder East, Inc.

John E. Wolf
Senior Project Manager

Scott E. Strom
Environmental Scientist

Enclosure

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SITE STATUS UPDATE REPORT

August 2012 through October 2012

Former Pratt Oil Works (Project Area)
The Inland Project Area (Tract I)
The Waterfront Project Area (Tract II)
Parcel A - 38-30, 38-50 and 38-80 Newtown Creek (38-22 Review Avenue), and 38-40 Railroad Avenue
Parcel B - 38-42 and 39-14 Review Avenue
Parcel C - 38-70 Review Avenue
Parcel D - 38-40 Review Avenue (38-84 Railroad Avenue)
Parcel E - 38-50 Review Avenue and 38-54 Railroad Avenue
Parcel F - 38-98 Review Avenue
Parcel G - 38-78 Review Avenue
Parcel H - 39-30 Review Avenue
Parcel I - 38-20 Review Avenue
Parcel J - 37-88 Review Avenue
Parcel K - 38-60 Review Avenue
Long Island City, New York

NYSDEC Case No. 07-07418 (Parcel A)
NYSDEC Case No. 08-13060 (Parcel B)
NYSDEC Case No. 07-07417 (Parcel C)
NYSDEC Case No. 09-04539 (Parcel D)
NYSDEC Case No. 09-03356 (Parcel E)
NYSDEC Case No. 12-02509 (Parcel F)
NYSDEC Case No. 09-03488 (Parcel G)
NYSDEC Case No. 09-03616 (Parcel H)
NYSDEC Case No. 09-03287 (Parcel I)
NYSDEC Case No. 11-00246 (Newtown Creek) Closed

Consent Order Case No. D2-1002-12-07AM
NYSDEC Remedial Tracking No. S241115

January 28, 2013

Prepared by:

Kleinfelder East, Inc.
1757-24 Veterans Memorial Highway
Islandia, New York 11749
(631) 218-0612

Prepared for:

ExxonMobil Environmental Services Company
38 Varick Street
Brooklyn, New York 11222
(718) 404-0652

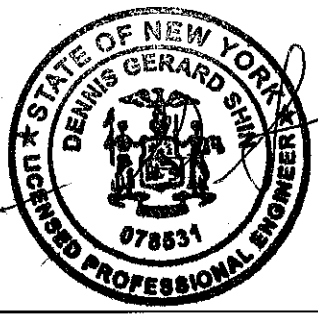
SITE STATUS UPDATE REPORT

August 2012 through October 2012

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

ENGINEERING CERTIFICATION

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



Dennis G. Shin, P.E.
Vice President
Kleinfelder Engineering, P.C.

January 28, 2013
Date

SITE STATUS UPDATE REPORT

August 2012 through October 2012

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

QUALITY ASSURANCE/QUALITY CONTROL

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

John E. Wolf
Project Manager

January 28, 2013
Date

Scott Strom
Environmental Scientist

January 28, 2013
Date

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APPENDICES

LIST OF ACRONYMS

ASTM	-	American Society for Testing and Materials
CAP	-	Corrective Action Plan
DSNY	-	New York City Department of Sanitation
DTB	-	depth to bottom
DTW	-	depth to water
EIP	-	electronic interface probe
ELAP	-	Environmental Laboratory Approval Program
Fbg	-	feet below grade
ft	-	feet
ft/d	-	feet per day
ft/ft	-	feet per foot
ft-msl	-	feet above mean sea level
FPOW	-	Former Pratt Oil Works
IDW	-	investigation-derived wastes
IRM	-	Interim Remedial Measures
ISSCR	-	Interim Supplemental Site Characterization Report
LIRR	-	Long Island Railroad
LNAPL	-	light non-aqueous phase liquid
msl	-	mean sea level
NAPL	-	non-aqueous phase liquid
NYSDEC	-	New York State Department of Environmental Conservation
PPE	-	personal protective equipment
PVC	-	polyvinyl chloride
SSCWP	-	Supplemental Site Characterization Work Plan
SSUR	-	Site Status Update Report
TOC	-	top of casing
USDOT	-	United States Department of Transportation
USEPA	-	United States Environmental Protection Agency
WMNY	-	Waste Management of New York

1.0 INTRODUCTION

ExxonMobil Environmental Services Company (ExxonMobil), on behalf of ExxonMobil Oil Corporation, contracted Kleinfelder East, Inc. (Kleinfelder) to conduct weekly interim remedial measures (IRMs), quarterly groundwater gauging and semi-annually sampling at the Inland Project Area and Waterfront Project Area, which compose Tract I and II, respectively, of the Former Pratt Oil Works (Project Area) in Long Island City, New York for the period from August 2012 through October 2012. Weekly IRMs consist of: (1) IRMs to recover light non-aqueous phase liquid (LNAPL) from beneath the Project Area, if present; and (2) IRMs consisting of on-going bulkhead inspection activities.

This *Site Status Update Report* (SSUR) documents the IRMs conducted and the quarterly groundwater gauging activities. The purpose of the groundwater gauging event is an effort to monitor hydraulic characteristics (flow and gradient). Seventy-nine monitoring points were gauged on October 23, 2012.

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

Project Area

Parcel	Address	Current owner
Parcel A	38-30,38-50, 38-50 Newtown Creek (38-22 Review Avenue) and 38-40 Railroad Avenue	Waste Management of New York
Parcel B	38-42 and 39-14 Review Avenue	Apollo Steel (Steele Equities)
Parcel C	38-70 Review Avenue	Keane Realty LLC
Parcel D	38-40 Review Avenue (38-84 Railroad Avenue)	38-40 Review Avenue, LLC (A&L Cesspool)
Parcel E	38-50 Review Avenue, 38-54 Railroad Avenue	HP Sherman Co. Inc. (William E. Williams Valve)
Parcel F	38-98 Review Avenue	DG Properties LLC
Parcel G	38-78 Review Avenue	Werwaiss Realty Co.
Parcel H	39-30 Review Avenue	Pepatoba Corp.
Parcel I	38-20 Review Avenue	Review Associates
Parcel J	37-88 Review Avenue	Up From the Ashes, Inc.
Parcel K	38-60 Review Avenue	Renari LLC (The Tower Group)

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2.0 SITE DESCRIPTION

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

2.1 Site Description

The Project Area is a former wax refinery that was operated by a predecessor of ExxonMobil from approximately 1892 to 1949. The Project Area is currently an approximately 18.51 acre commercial/industrial area located within the United States Geological Survey (USGS) 7.5-Minute Topographic Map, Brooklyn, New York, Quadrangle (USGS, 1979). The Project Area is approximately 10 to 25 feet (ft) above mean sea level (msl). The topography and elevation of the Project Area are illustrated on the Locus Plan provided as Figure 1. The current monitoring well network consists of 79 monitoring points (MW-1 to MW-69) including cluster monitoring wells: MW-4S/MW-4D, MW-5S/MW-5, MW-6S/MW-6, MW-15/MW-15R, MW-28/MW-28D, MW-40S/MW-40D, MW-41S/MW-41D, MW-48S/MW-48D, MW-49S/MW-49M/MW-49D, and MW-60S/MW-60D (MW-53 was a refusal). There are an additional 12 bulkhead monitoring points (BW-1 to BW-12) along the Parcel B bulkhead. Pertinent site features including, but not limited to, block and lot, parcel identification, property boundaries, Long Island Rail Road (LIRR) train tracks, current buildings, structure layouts and monitoring well locations are illustrated on Figures 2 and 3.

2.2 Current Property Use

The Project Area has been subdivided into 16-lots of Block 312. Properties north of the LIRR comprise the Inland Project Area (Tract I) and properties south of the LIRR comprise the Waterfront Project Area (Tract II). Each tract is further subdivided into parcels (Parcels A through K) based on property ownership. Current uses of properties within the Project Area include, but are not limited to, the following: New York City

Department of Sanitation (DSNY) waste transfer station, warehouse and/or office space, vehicle storage, restaurant oil and grease recovery and recycling, cesspool services, valve manufacturing, lumber and building materials distributors, commercial refrigeration supply distributor, and cleaning and maintenance products manufacturing.

2.3 Site Geology

The geology observed in soil samples collected from the Project Area is generally heterogeneous. The deposits observed in soil samples collected beneath the Inland Project Area are predominantly composed of sand of unknown thickness, observed to the maximum depth of investigation (approximately 25 to 45 feet below grade [fbg]). Sporadic lenses of silt, gravel and cobbles were additionally observed.

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

3.0 METHODS

The following subsections describe the IRMs and groundwater gauging activities performed at the Project Area from August 2012 to October 2012.

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3.1 Equipment Decontamination

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

3.2 Interim Remedial Measures

The following subsections describe the IRMs implemented at the Project Area.

3.2.1 Manual LNAPL Recovery

LNAPL recovery has been conducted on an approximately weekly basis since December 29, 2009. During the time period from August 2012 through October 2012, LNAPL, to the extent present, was recovered using a submersible pump and/or manual methods (bailers, sorbent), subject to limitations including, but not limited to, the following:

1) LNAPL thickness present in the monitoring well, if applicable;
2) Issues of access to the well or other access limitations; and/or
3) LNAPL may not have been recovered to allow for additional LNAPL recharge.

LNAPL, if present and accessible, was recovered from monitoring wells MW-2, MW-4S, MW-5, MW-6, MW-7, MW-16, MW-17, MW-18, MW-19, MW-23, MW-28, MW-30, MW-33, MW-42, MW-48D, MW-49S, MW-49M, MW-50, MW-54, MW-55, MW-61, MW-65, and MW-66 on a weekly basis during the period from August

2012 to October 2012. Prior to LNAPL recovery, the depth to LNAPL and depth to groundwater (DTW) were measured within the monitoring wells using an EIP. If present, and if not limited, as provided for above, LNAPL was recovered temporarily into 5-gallon containers using a Clean Earth Technology, Spill Buddy™ pump and then transferred to grounded and vented USDOT-approved, 55-gallon, steel drums staged on spill containment pallets and covered with plastic sheeting, pending off-site disposal. Disposable bailers, adsorbent pads, and personal protective equipment (PPE) used during LNAPL recovery were additionally stored in separate, USDOT-approved, 55-gallon, steel drums, pending disposal.

3.2.2 IRM LNAPL Recovery Systems

LNAPL recovery IRM systems were previously installed at the following monitoring well locations: MW-9 (Parcel B), MW-14 (Parcel D), and MW-24 (Parcel D). IRM Systems at MW-9 and MW-14 were completed on January 12, 2012 and MW-24 on March 15, 2012. The IRM LNAPL recovery systems were activated on March 19, 2012 for MW-9, MW-14, and MW-24. Installation of an IRM system at MW-5 was initiated on September 10, 2012 and completed on October 17, 2012. The system will be activated following receipt of Fire Department of New York (FDNY) and New York City Department of Buildings (NYC DOB) final permit approval.

At each IRM system, LNAPL, to the extent present, was recovered from the subsurface via an electric-powered pump (Clean Earth Technology, Inc. Spill Buster™). The Spill Buster™ is an automated LNAPL recovery pumping system consisting of a motorized auto-seeker, reel assembly, electric-powered LNAPL recovery pump, and controller. The LNAPL-recovery pump system is designed with an interface probe to automatically set the pump depth at the LNAPL interface and recover only LNAPL within the well, to the extent present. The motorized auto-seeker reel assembly mounted above the well is designed to

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adjust the pump intake depth as LNAPL is recovered from the well. Recovered LNAPL is then pumped to a 250 gallon, double-wall, steel, above-ground storage tank (AST) within a surrounding 6-foot high chain-link fence compound with privacy slats, a lockable gate and signs with emergency contact information.

The IRM system for monitoring wells MW-5 and MW-9 was designed to operate at a recovery rate of approximately 0.02 gallons per minute (gpm). The IRM systems for monitoring wells MW-14 and MW-24 were designed to operate at a recovery rate of between approximately 0.08 and 0.10 gpm. The IRM systems' LNAPL recovery rates were designed based on LNAPL recharge rates in the monitoring wells measured during feasibility testing.

3.2.3 Bulkhead Sheen IRMs

On April 15, 2011, approximately 60-feet of 24-inch high polyvinyl chloride (PVC) belted black boom (hard boom) was installed connecting the timber bulkhead on Parcel A to the steel bulkhead on Parcel B in an effort to contain a sheen observed on April 7, 2011. Absorbent boom was placed within the hard boom and continues to be inspected on a weekly basis. The absorbent boom was replaced during this quarter on August 22, 2012, September 27, 2012, October 4, and 25, 2012. Spent absorbent boom was placed in USDOT-approved, 55-gallon drums, pending off-site disposal.

3.3 Groundwater Gauging

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

The groundwater monitoring well network was gauged on October 23, 2012, during a low neap tide. Low neap tide was estimated at 10:55 AM on October 23, 2012 from Hunters Point, Newtown Creek. Gauging during low neap tide was preferred in an effort

to minimize tidal fluctuation influence on the gauging data. Neap tides are tides with lower than average tidal fluctuation with longer slack water times. Neap tides occur when the moon is at first or third quarter.

The depth to LNAPL, if present, and DTW in the monitoring wells were measured using a decontaminated EIP. Groundwater gauging data were subtracted from the monitoring well top of casing (TOC) elevation to calculate the groundwater elevation relative to mean sea level (MSL). For monitoring wells with measurable LNAPL, the groundwater elevation was corrected for LNAPL displacement by adding the LNAPL thickness multiplied by the LNAPL specific gravity to the groundwater elevation.

On October 23, 2012 monitoring well MW-3 was gauged, but the LNAPL in the well was too viscous to obtain accurate measurements. Monitoring wells MW-14, MW-19, MW-35, MW-49S, MW-49M, MW-60D, and MW-62 were located under parked vehicles and therefore inaccessible. MW-65 was temporarily inaccessible due to stored pallets and therefore not gauged.

4.0 WASTE MANAGEMENT

Investigation-derived waste (IDW) generated during the IRM activities and bulkhead sheen investigation activities were containerized in labeled, 55-gallon, USDOT-approved drums, pending off-site disposal. Fluids generated were placed in 55-gallon, steel, USDOT-approved, fluid drums with closed tops. Spent absorbent boom and PPE generated were stored in separate 55-gallon, steel, USDOT-approved drums with removable tops. A drum inventory was maintained documenting the number of drums stored, the contents of the drums, and drum identification information. The following is a summary of the IDW:

- Total of four drums of spent absorbent boom used in an effort to mitigate the sheen within the hard-boomed area were generated and transported to CWM

Chemical Services LLC (CWM), located at 1550 Balmer Road in Model City, New York for disposal on December 21, 2012.

- Three satellite accumulation drums of PPE, plastic tubing, and disposable bailers were generated and transported to CWM on December 21, 2012.

Lorco Petroleum Services of Elizabeth, New Jersey (Lorco) transported LNAPL from 250 gallon IRM ASTs and/or temporary, USDOT-approved, 55-gallon, LNAPL storage drums via vacuum truck on August 2, 10, and 16, 2012 for recycling at their facility. Auchter Industrial Vac Services Inc. of Linden, New Jersey (Auchter) transported LNAPL from 250 gallon IRM ASTs and/or temporary, USDOT-approved, 55-gallon, LNAPL storage drums via vacuum truck on August 22, and 31, 2012, September 10, 19, 26, 2012, and October 10, 2012. Auchter transported the LNAPL to a temporary holding tank at 400 Kingsland Avenue, in Brooklyn, New York prior to transport for recycling at Separation and Recovery Systems (Sarex), 200 G Street, Millville, New Jersey 08332. Copies of the drum and LNAPL disposal/recycling documentation are provided as Appendix A.

5.0 FINDINGS AND RESULTS

The following subsections describe the findings and results of the IRM activities and groundwater monitoring events conducted from August 2012 through October 2012.

5.1 Site Hydrogeology

On October 23, 2012, groundwater beneath the Project Area was detected in water table and semi-confined conditions. Monitoring wells MW-4D, MW-5, MW-6, MW-28D, MW-40D, MW-41D, MW-48D, MW-49M, MW-49D, and MW-60D are screened beneath the regional water table, with some located beneath a semi-confining silty/clay layer. The depth to water ranged from approximately 3.70 fbg (MW-13) to approximately 28.93 fbg (MW-22). Groundwater flow direction was generally towards the south. The average water table gradient between the northern (MW-20) and southern (MW-12R) boundaries

of the Project Area was calculated to be approximately 0.008 feet per foot (ft/ft). Monitoring well gauging data are summarized on Table 1 and a LNAPL Distribution and Groundwater Elevation Contour map is provided as Figure 4.

5.2 LNAPL Distribution and Recovery

LNAPL was detected in 39 of the 78 monitoring points gauged on October 23, 2012. LNAPL thickness ranged from approximately 0.02 ft in MW-12R, MW-40S, and MW-60S, to approximately 12.12 ft in MW-48D. Monitoring wells MW-5, MW-6, and MW-48D were screened beneath a semi-confining layer. Therefore, LNAPL thickness detected in these wells may not be indicative of actual levels across the water-table interface. A summary of LNAPL thicknesses observed in monitoring wells during groundwater gauging is summarized in Table 1 and illustrated on Figure 4 and in the charts provided as Appendix B.

Average LNAPL recovery rates since start up for the three IRM recovery systems since activation ranged from approximately 0.00035 gpm in MW-14 to 0.015 gpm in MW-9 to 0.017 gpm in MW-24. Approximately 15,350 gallons of LNAPL have been recovered during these and other IRM activities between September 4, 2009 to October 24 2012. The LNAPL recovery is illustrated in the charts provided as Appendix B.

6.0 SUMMARY AND RECOMMENDATIONS

The following is a summary of the quarterly activities conducted from August 2012 through October 2012.

- Weekly LNAPL recovery events were continued from August 2012 through October 2012. Approximately 15,350 gallons of LNAPL have been recovered during IRM activities from September 4, 2009 to October 24, 2012.

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- The hard boom and absorbent boom continued to be inspected on a weekly basis and the absorbent boom was replaced during this quarter on August 22, 2012, September 27, 2012, October 4, and 25, 2012.
- Depth to groundwater on October 23, 2012 ranged from approximately 3.70 fbg (MW-13) to approximately 28.93 fbg (MW-22).
- The average water table gradient between the northern (MW-2) and southern (MW-12R) boundaries was measured on October 23, 2012 at approximately 0.008 ft/ft.
- LNAPL was detected in 39 of 78 monitoring points gauged on October 23, 2012, ranging from approximately 0.02 ft in MW-12R, MW-40S, and MW-60S to approximately 12.12 ft in MW-48D.

Based on the information included in the SSUR, continued quarterly gauging and semi-annual groundwater sampling are proposed. In addition, continued weekly LNAPL recovery, to the extent present, and continued weekly bulkhead inspections are proposed. The findings and results of IRM activities, quarterly gauging events and semi-annual groundwater sampling events will continue to be reported in quarterly Site Status Update Reports.

7.0 LIMITATIONS

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

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8.0 REFERENCES

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

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

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

TABLE

TABLE 1
GROUNDWATER GAUGING SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2012

Well ID (Screen Interval fbg)	Date	Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity	Corrected GW Elevation (feet)	Comments
MW-1 (6-18)	4/7/2009	13.49	ND	9.51	ND	NA	3.98	
	4/17/2009	13.49	ND	9.43	ND	NA	4.06	
	7/29/2009	13.49	ND	8.56	ND	NA	4.93	
	10/26/2009	13.49	ND	8.08	ND	NA	5.41	
	1/22/2010	13.49	ND	8.36	ND	NA	5.13	
	4/21/2010	13.49	ND	8.30	ND	NA	5.19	
	7/19/2010	13.49	ND	8.11	ND	NA	5.38	
	10/15/2010	13.49	ND	7.69	ND	NA	5.80	
	1/11/2011	13.49	ND	10.74	ND	NA	2.75	
	4/25/2011	13.49	ND	9.81	ND	NA	3.68	
	7/22/2011	13.49	ND	10.55	ND	NA	2.94	
	10/18/2011	13.49	ND	10.03	ND	NA	3.46	
	1/16/2012	13.49	ND	10.42	ND	NA	3.07	
	4/12/2012	13.49	ND	11.11	ND	NA	2.38	
	7/11/2012	13.49	ND	10.26	ND	NA	3.23	
	10/23/2012	13.49	ND	10.60	ND	NA	2.89	
MW-2 (2-17)	4/7/2009	6.56	ND	5.45	ND	NA	1.11	
	4/17/2009	6.56	7.72	7.81	0.09	0.9050**	-1.17	
	7/29/2009	6.56	7.78	8.88	1.10	0.9050**	-1.32	
	10/26/2009	6.56	6.72	8.09	1.37	0.9050**	-0.29	
	1/22/2010	6.56	8.19	9.93	1.74	0.9050**	-1.80	
	4/21/2010	6.56	7.54	8.04	0.50	0.9050**	-1.03	
	7/19/2010	6.56	7.49	7.73	0.24	0.9050**	-0.95	
	10/15/2010	6.56	7.13	7.57	0.44	0.9050**	-0.61	
	1/11/2011	6.56	6.86	7.18	0.32	0.9050**	-0.33	
	4/25/2011	6.56	7.90	8.10	0.20	0.9050**	-1.36	
	7/22/2011	6.56	7.84	7.99	0.15	0.9050**	-1.29	
	10/18/2011	6.56	7.05	7.19	0.14	0.9050**	-0.50	
	1/16/2012	6.56	7.88	8.00	0.12	0.9050**	-1.33	
	4/12/2012	6.56	7.80	7.87	0.07	0.9050**	-1.25	
	7/11/2012	6.56	7.75	8.05	0.30	0.9050**	-1.22	
	10/23/2012	6.56	6.55	6.69	0.14	0.9050**	0.00	
MW-3 (3-18)	4/7/2009	7.95	NM	NM	NM	NA	NM	
	4/17/2009	7.95	NM	NM	NM	NA	NM	
	7/29/2009	7.95	NM	NM	NM	NA	NM	
	10/26/2009	7.95	8.15	9.70	1.55	0.9575*	-0.27	
	1/22/2010	7.95	8.20	8.22	0.02	0.9575*	-0.25	
	4/21/2010	7.95	8.95	9.05	0.10	0.9575*	-1.00	
	7/19/2010	7.95	8.80	9.55	0.75	0.9575*	-0.88	
	10/15/2010	7.95	7.55	11.04	3.49	0.9575*	0.25	
	1/11/2011	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
	4/25/2011	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
	7/22/2011	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
	10/18/2011	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
	1/16/2012	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
	4/12/2012	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
	7/11/2012	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
	10/23/2012	7.95	NM	NM	NM	NA	NM	LNAPL to viscous
MW-4 (5-22)	4/7/2009	8.87	6.59	9.65	3.06	0.8824*	1.92	
	4/17/2009	8.87	6.52	11.55	5.03	0.8824*	1.76	
	7/29/2009	8.87	6.00	10.95	4.95	0.8824*	2.29	Well abandoned

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MW-4S (4-9)	10/26/2009	8.81	6.31	7.20	0.89	0.8945	2.41	
	1/22/2010	8.81	6.50	7.27	0.77	0.8945	2.23	
	4/21/2010	8.81	5.81	6.43	0.62	0.8945	2.93	
	7/19/2010	8.81	6.34	7.22	0.88	0.8945	2.38	
	10/15/2010	8.81	6.34	7.42	1.08	0.8945	2.36	
	1/11/2011	8.81	7.41	8.15	0.74	0.8945	1.32	
	4/25/2011	8.81	6.50	7.27	0.77	0.8945	2.23	
	7/22/2011	8.81	6.39	7.05	0.66	0.8945	2.35	
	10/18/2011	8.81	5.92	6.40	0.48	0.8945	2.84	
	1/16/2012	8.81	7.18	7.90	0.72	0.8945	1.55	
	4/12/2012	8.81	7.30	7.95	0.65	0.8945	1.44	
	7/11/2012	8.81	6.72	7.40	0.68	0.8945	2.02	
	10/23/2012	8.81	7.12	7.75	0.63	0.8945	1.62	
MW-4D (13.5-18.5)	10/26/2009	8.57	ND	6.95	ND	NA	1.62	
	1/22/2010	8.57	ND	7.72	ND	NA	0.85	
	4/21/2010	8.57	ND	6.71	ND	NA	1.86	
	7/19/2010	8.57	ND	7.09	ND	NA	1.48	
	10/15/2010	8.57	ND	6.41	ND	NA	2.16	
	1/11/2011	8.57	ND	8.42	ND	NA	0.15	
	4/25/2011	8.57	ND	7.51	ND	NA	1.06	
	7/22/2011	8.57	ND	7.68	ND	NA	0.89	
	10/18/2011	8.57	ND	6.50	ND	NA	2.07	
	1/16/2012	8.57	ND	7.85	ND	NA	0.72	
	4/12/2012	8.57	ND	8.46	ND	NA	0.11	
	7/11/2012	8.57	ND	7.66	ND	NA	0.91	
	10/23/2012	8.57	ND	7.70	ND	NA	0.87	
MW-5S (3-13)	7/11/2012	8.44	ND	5.90	ND	NA	2.54	
	10/23/2012	8.44	ND	6.69	ND	NA	1.75	
MW-5 (13-21)	4/7/2009	9.62	7.14	18.82	11.68	0.8997	1.31	
	4/17/2009	9.62	7.32	18.66	11.34	0.8997	1.16	
	7/29/2009	9.62	6.99	20.00	13.01	0.8997	1.33	
	10/26/2009	9.62	7.69	18.05	10.36	0.8997	0.89	
	1/22/2010	9.62	NM	NM	NM	0.8997	NM	Passive Bailer
	4/21/2010	9.62	7.11	19.60	12.49	0.8997	1.26	
	7/19/2010	9.62	6.94	19.60	12.66	0.8997	1.41	
	10/15/2010	9.62	7.30	20.02	12.72	0.8997	1.04	
	1/11/2011	9.62	9.47	19.48	10.01	0.8997	-0.85	
	4/25/2011	9.62	8.69	20.11	11.42	0.8997	-0.22	
	7/22/2011	9.62	8.09	19.11	11.02	0.8997	0.42	
	10/18/2011	9.62	6.95	18.72	11.77	0.8997	1.49	
	1/16/2012	9.62	8.23	18.90	10.67	0.8997	0.32	
	4/12/2012	9.62	8.70	19.60	10.90	0.8997	-0.17	
	7/11/2012	9.62	8.30	19.35	11.05	0.8997	0.21	
	10/23/2012	9.62	11.00	22.10	11.10	0.8997	-2.49	
MW-6S (4-14)	7/11/2012	12.15	9.20	9.68	0.48	0.9050**	2.90	
	10/23/2012	12.15	9.09	9.65	0.56	0.9050**	3.01	

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MW-6 (18-23)	4/7/2009	11.80	9.09	12.18	3.09	0.8947*	2.38	
	4/17/2009	11.80	9.35	12.55	3.20	0.8947*	2.11	
	7/29/2009	11.80	8.79	12.82	4.03	0.8947*	2.59	
	10/26/2009	11.80	9.08	15.55	6.47	0.8947*	2.04	
	1/22/2010	11.80	9.22	18.00	8.78	0.8947*	1.66	
	4/21/2010	11.80	8.62	9.25	0.63	0.8947*	3.11	
	7/19/2010	11.80	8.73	10.34	1.61	0.8947*	2.90	
	10/15/2010	11.80	ND	9.29	ND	0.8947*	2.51	
	1/11/2011	11.80	11.2	11.63	0.43	0.8947*	0.55	
	4/25/2011	11.80	10.28	11.00	0.72	0.8947*	1.44	
	7/22/2011	11.80	9.91	11.05	1.14	0.8947*	1.77	
	10/18/2011	11.80	8.4	8.85	0.45	0.8947*	3.35	
	1/16/2012	11.80	9.85	10.50	0.65	0.8947*	1.88	
	4/12/2012	11.80	10.21	10.65	0.44	0.8947*	1.54	
	7/11/2012	11.80	10.10	11.09	0.99	0.8947*	1.60	
	10/23/2012	11.80	10.48	10.75	0.27	0.8947*	1.29	
MW-7 (1-15)	4/7/2009	6.54	4.82	5.18	0.36	0.9130*	1.69	
	4/17/2009	6.54	7.74	8.42	0.68	0.9130*	-1.26	
	7/29/2009	6.54	7.80	9.30	1.50	0.9130*	-1.39	
	10/26/2009	6.54	7.07	7.70	0.63	0.9130*	-0.58	
	1/22/2010	6.54	6.04	7.62	1.58	0.9130*	0.36	
	4/21/2010	6.54	8.05	8.10	0.05	0.9130*	-1.51	
	7/19/2010	6.54	8.00	9.66	1.66	0.9130*	-1.60	
	10/15/2010	6.54	6.34	7.59	1.25	0.9130*	0.09	
	1/11/2011	6.54	7.59	8.71	1.12	0.9130*	-1.15	
	4/25/2011	6.54	5.16	5.21	0.05	0.9130*	1.38	
	7/22/2011	6.54	7.95	8.97	1.02	0.9130*	-1.50	
	10/18/2011	6.54	7.22	8.42	1.20	0.9130*	-0.78	
	1/16/2012	6.54	7.85	8.00	0.15	0.9130*	-1.32	
	4/12/2012	6.54	8.15	8.30	0.15	0.9130*	-1.62	
	7/11/2012	6.54	7.90	9.00	1.10	0.9130*	-1.46	
	10/23/2012	6.54	7.99	8.10	0.11	0.9130*	-1.46	
MW-8 (1-13)	4/7/2009	5.80	ND	4.09	ND	NA	1.71	
	4/17/2009	5.80	ND	7.54	ND	NA	-1.74	
	7/29/2009	5.80	ND	7.50	ND	NA	-1.70	
	10/26/2009	5.80	ND	6.83	ND	NA	-1.03	
	1/22/2010	5.80	ND	6.59	ND	NA	-0.79	
	4/21/2010	5.80	ND	7.66	ND	NA	-1.86	
	7/19/2010	5.80	ND	7.42	ND	NA	-1.62	
	10/15/2010	5.80	ND	6.87	ND	NA	-1.07	
	1/11/2011	5.80	ND	6.19	ND	NA	-0.39	
	4/25/2011	5.80	ND	7.77	ND	NA	-1.97	
	7/22/2011	5.80	ND	7.79	ND	NA	-1.99	
	10/18/2011	5.80	ND	6.59	ND	NA	-0.79	
	1/16/2012	5.80	ND	7.20	ND	NA	-1.40	
	4/12/2012	5.80	ND	8.42	ND	NA	-2.62	
	7/11/2012	5.80	ND	7.94	ND	NA	-2.14	
	10/23/2012	5.80	ND	7.69	ND	NA	-1.89	

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MW-9 (3-18)	4/7/2009	9.76	8.40	17.70	9.30	0.8984*	0.42	
	4/17/2009	9.76	8.28	17.51	9.23	0.8984*	0.54	
	7/29/2009	9.76	8.35	17.90	9.55	0.8984*	0.44	
	10/26/2009	9.76	8.84	17.90	9.06	0.8984*	0.00	
	1/22/2010	9.76	9.85	18.20	8.35	0.8984*	-0.94	
	4/21/2010	9.76	8.86	14.99	6.13	0.8984*	0.28	
	7/19/2010	9.76	8.50	17.99	9.49	0.8984*	0.30	
	10/15/2010	9.76	8.60	13.83	5.23	0.8984*	0.63	
	1/11/2011	9.76	10.52	18.16	7.64	0.8984*	-1.54	
	4/25/2011	9.76	9.94	17.85	7.91	0.8984*	-0.98	
	7/22/2011	9.76	9.46	17.80	8.34	0.8984*	-0.55	
	10/18/2011	9.76	8.71	16.85	8.14	0.8984*	0.22	
	1/16/2012	11.37	11.40	19.45	8.05	0.8984*	-0.85	
	4/12/2012	11.37	11.95	19.30	7.35	0.8984*	-1.33	
	7/11/2012	11.37	11.35	19.20	7.85	0.8984*	-0.78	
	10/23/2012	11.37	11.65	19.50	7.85	0.8984*	-1.08	
MW-10 (3-13)	4/7/2009	10.56	ND	8.74	ND	NA	1.82	
	4/17/2009	10.56	ND	8.64	ND	NA	1.92	
	7/29/2009	10.56	ND	8.10	ND	NA	2.46	
	10/26/2009	10.56	ND	8.20	ND	NA	2.36	
	1/22/2010	10.56	ND	8.63	ND	NA	1.93	
	4/21/2010	10.56	ND	8.28	ND	NA	2.28	
	7/19/2010	10.56	ND	8.47	ND	NA	2.09	
	10/15/2010	10.56	ND	8.25	ND	NA	2.31	
	1/11/2011	10.56	ND	8.68	ND	NA	1.88	
	4/25/2011	10.56	ND	8.27	ND	NA	2.29	
	7/22/2011	10.56	ND	8.68	ND	NA	1.88	
	10/18/2011	10.56	ND	8.21	ND	NA	2.35	
	1/16/2012	10.56	ND	8.39	ND	NA	2.17	
	4/12/2012	10.56	ND	8.54	ND	NA	2.02	
	7/11/2012	10.56	ND	8.40	ND	NA	2.16	
	10/23/2012	10.56	ND	8.50	ND	NA	2.06	
MW-11 (2-17)	4/7/2009	6.98	ND	5.73	ND	NA	1.25	
	4/17/2009	6.98	ND	8.72	ND	NA	-1.74	
	7/29/2009	6.98	ND	7.98	ND	NA	-1.00	
	10/26/2009	6.98	ND	8.15	ND	NA	-1.17	
	4/21/2010	6.98	ND	NM	NM	NA	NM	Well destroyed
MW-11R (2-17)	4/25/2011	6.70	ND	8.44	ND	NA	-1.74	
	7/22/2011	6.70	ND	8.46	ND	NA	-1.76	
	10/18/2011	6.70	ND	7.32	ND	NA	-0.62	
	1/16/2012	6.70	ND	8.58	ND	NA	-1.88	
	4/12/2012	6.70	ND	8.76	ND	NA	-2.06	
	7/11/2012	6.70	ND	8.19	ND	NA	-1.49	
	10/23/2012	6.70	ND	8.08	ND	NA	-1.38	

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MW-12 (2-16)	4/7/2009	6.67	ND	8.26	ND	NA	-1.59	
	4/17/2009	6.67	8.40	8.41	0.01	0.9050**	-1.73	
	7/29/2009	6.67	ND	NM	ND	NA	NM	
	10/26/2009	6.67	7.81	7.95	0.14	0.9050**	-1.15	
	4/21/2010	6.67	ND	7.96	ND	NA	-1.29	Sheen observed
	7/19/2010	6.67	ND	NM	ND	NA	NM	Well destroyed
MW-12R (2-17)	4/25/2011	6.69	ND	8.49	ND	NA	-1.80	
	7/22/2011	6.69	8.45	8.46	0.01	0.9050**	-1.76	
	10/18/2011	6.69	7.02	7.03	0.01	0.9050**	-0.33	
	1/16/2012	6.69	8.45	8.46	0.01	0.9050**	-1.76	
	4/12/2012	6.69	8.80	8.82	0.02	0.9050**	-2.11	
	7/11/2012	6.69	8.36	8.37	0.01	0.9050**	-1.67	
	10/23/2012	6.69	9.00	9.02	0.02	0.9050**	-2.31	
MW-13 (1-8)	4/7/2009	7.82	ND	NM	NM	NA	NM	
	4/17/2009	7.82	ND	3.64	ND	NA	4.18	
	7/29/2009	7.82	ND	3.51	ND	NA	4.31	
	10/26/2009	7.82	ND	3.59	ND	NA	4.23	
	4/21/2010	7.82	ND	3.70	ND	NA	4.12	
	7/19/2010	7.82	ND	NM	ND	NA	NM	Well inaccessible
	10/15/2010	7.82	ND	3.89	ND	NA	3.93	
	1/11/2011	7.82	ND	4.16	ND	NA	3.66	
	4/25/2011	7.82	ND	4.31	ND	NA	3.51	
	7/22/2011	7.82	ND	4.40	ND	NA	3.42	
	10/18/2011	7.82	ND	3.55	ND	NA	4.27	
	1/16/2012	7.82	ND	3.95	ND	NA	3.87	
	4/12/2012	7.82	ND	4.18	ND	NA	3.64	
	7/11/2012	7.82	ND	3.92	ND	NA	3.90	
	10/23/2012	7.82	ND	3.70	ND	NA	4.12	
MW-14 (7.5-27.5)	7/29/2009	22.92	20.65	26.80	6.15	0.8956*	1.63	
	10/26/2009	22.92	21.31	26.50	5.19	0.8956*	1.07	
	4/21/2010	22.92	20.67	23.33	2.66	0.8956*	1.97	
	7/19/2010	22.92	20.91	26.81	5.90	0.8956*	1.39	
	10/15/2010	22.92	21.12	26.59	5.47	0.8956*	1.23	
	1/11/2011	22.92	22.81	26.53	3.72	0.8956*	-0.28	
	4/25/2011	22.92	22.01	25.10	3.09	0.8956*	0.59	
	7/22/2011	22.92	21.92	24.63	2.71	0.8956*	0.72	
	10/18/2011	22.92	20.65	25.45	4.80	0.8956*	1.77	
	1/16/2012	21.81	18.60	25.05	6.45	0.8956*	2.54	
	4/12/2012	21.81	21.40	22.18	0.78	0.8956*	0.33	
	7/11/2012	21.81	21.22	22.05	0.83	0.8956*	0.50	
	10/23/2012	21.81	ND	NM	NM	NA	NM	Well inaccessible

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MW-15 (5.5-20.5)	7/29/2009	13.05	ND	10.59	ND	NA	2.46	
	10/26/2009	13.05	ND	11.32	ND	NA	1.73	
	4/21/2010	13.05	ND	10.79	ND	NA	2.26	
	7/19/2010	13.05	ND	11.02	ND	NA	2.03	
	10/15/2010	13.05	ND	10.89	ND	NA	2.16	
	1/11/2011	13.05	ND	12.48	ND	NA	0.57	
	4/25/2011	13.05	ND	11.50	ND	NA	1.55	
	7/22/2011	13.05	ND	11.62	ND	NA	1.43	
	10/18/2011	13.05	ND	11.16	ND	NA	1.89	
	1/16/2012	13.05	ND	13.58	ND	NA	-0.53	
	4/12/2012	13.05	ND	12.49	ND	NA	0.56	
MW-15R (5-20)	7/11/2012	13.30	ND	11.73	ND	NA	1.57	
	10/23/2012	13.30	ND	12.00	ND	NA	1.30	
MW-16 (10.5-30.5)	7/29/2009	24.12	20.91	21.00	0.09	0.9100**	3.20	
	10/26/2009	24.12	21.25	21.27	0.02	0.9100**	2.87	
	4/21/2010	24.12	20.06	20.07	0.01	0.9100**	4.06	
	7/19/2010	24.12	ND	20.70	ND	0.9100**	3.42	
	10/15/2010	24.12	ND	20.98	ND	0.9100**	3.14	
	1/11/2011	24.12	21.95	22.42	0.47	0.9100**	2.13	
	4/25/2011	24.12	21.46	22.65	1.19	0.9100**	2.55	
	7/22/2011	24.12	21.25	21.49	0.24	0.9100**	2.85	
	10/18/2011	24.12	20.15	20.14	-0.01	0.9100**	3.97	
	1/16/2012	24.12	21.05	21.07	0.02	0.9100**	3.07	
	4/12/2012	24.12	21.36	21.37	0.01	0.9100**	2.76	
	7/11/2012	24.12	21.22	21.80	0.58	0.9100**	2.85	
	10/23/2012	24.12	21.50	22.51	1.01	0.9100**	2.53	
MW-17 (8.5-25.5)	7/29/2009	16.81	14.76	22.20	7.44	0.8949*	1.27	
	10/26/2009	16.81	15.44	23.0	7.56	0.8949*	0.58	
	4/21/2010	16.81	15.53	17.22	1.69	0.8949*	1.10	
	7/19/2010	16.81	15.03	20.91	5.88	0.8949*	1.16	
	10/15/2010	16.81	15.24	19.39	4.15	0.8949*	1.13	
	1/11/2011	16.81	16.85	20.97	4.12	0.8949*	-0.47	
	4/25/2011	16.81	16.94	17.83	0.89	0.8949*	-0.22	
	7/22/2011	16.81	16.19	18.81	2.62	0.8949*	0.34	
	10/18/2011	16.81	15.29	22.1	6.81	0.8949*	0.80	
	1/16/2012	16.81	16.00	20.37	4.37	0.8949*	0.35	
	4/12/2012	16.81	16.35	22.50	6.15	0.8949*	-0.19	
	7/11/2012	16.81	15.21	22.50	7.29	0.8949*	0.83	
	10/23/2012	16.81	16.20	23.40	7.20	0.8949*	-0.15	

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Well ID (Screen Interval fbg)	Date	Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity	Corrected GW Elevation (feet)	Comments
MW-18 (17.5-37.5)	9/24/2009	23.55	ND	20.92	ND	NA	2.63	
	10/26/2009	23.55	ND	21.32	ND	NA	2.23	
	4/21/2010	23.55	ND	19.97	ND	NA	3.58	
	7/19/2010	23.55	20.62	20.67	0.05	0.9100**	2.93	
	10/15/2010	23.55	20.50	20.51	0.01	0.9100**	3.05	
	1/11/2011	23.55	NM	NM	NM	0.9100**	NM	Well inaccessible
	4/25/2011	23.55	21.22	22.00	0.78	0.9100**	2.26	
	7/22/2011	23.55	20.95	21.00	0.05	0.9100**	2.60	
	10/18/2011	23.55	20.19	20.49	0.30	0.9100**	3.33	
	1/16/2012	23.55	15.00	NM	NM	0.9100**	NM	LNAPL too viscous
	4/12/2012	23.55	21.20	22.11	0.91	0.9100**	2.27	
	7/11/2012	23.55	21.00	22.71	1.71	0.9100**	2.40	
	10/23/2012	23.55	21.35	22.97	1.62	0.9100**	2.05	
MW-19 (11.5-31.5)	9/24/2009	24.85	21.95	22.55	0.60	0.8988*	2.84	
	10/26/2009	24.85	22.00	23.05	1.05	0.8988*	2.74	
	4/21/2010	24.85	20.86	21.55	0.69	0.8988*	3.92	
	7/19/2010	24.85	21.42	22.01	0.59	0.8988*	3.37	
	10/15/2010	24.85	21.70	22.58	0.88	0.8988*	3.06	
	1/11/2011	24.85	22.86	24.35	1.49	0.8988*	1.84	
	4/25/2011	24.85	NM	NM	NM	0.8988*	NM	Well inaccessible
	7/22/2011	24.85	NM	NM	NM	0.8988*	NM	Well inaccessible
	10/18/2011	24.85	20.95	21.60	0.65	0.8988*	3.83	
	1/16/2012	24.85	NM	NM	NM	0.8988*	NM	Well inaccessible
	4/12/2012	24.85	NM	NM	NM	0.8988*	NM	Well inaccessible
	7/11/2012	24.85	NM	NM	NM	0.8988*	NM	Well inaccessible
	10/23/2012	24.85	NM	NM	NM	0.8988*	NM	Well inaccessible
MW-20 (9.5-29.5)	7/29/2009	28.63	ND	21.03	ND	NA	7.60	
	10/26/2009	28.63	ND	21.61	ND	NA	7.02	
	4/21/2010	28.63	ND	18.07	ND	NA	10.56	
	7/19/2010	28.63	ND	16.53	ND	NA	12.10	
	10/15/2010	28.63	ND	22.01	ND	NA	6.62	
	1/11/2011	28.63	ND	23.15	ND	NA	5.48	
	4/25/2011	28.63	ND	23.55	ND	NA	5.08	
	7/22/2011	28.63	ND	23.00	ND	NA	5.63	
	10/18/2011	28.63	ND	20.89	ND	NA	7.74	
	1/16/2012	28.63	ND	22.41	ND	NA	6.22	
	4/12/2012	28.63	ND	23.30	ND	NA	5.33	
	7/11/2012	28.63	ND	24.02	ND	NA	4.61	
	10/23/2012	28.63	ND	24.56	ND	NA	4.07	

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MW-21 (10.5-25.5)	7/29/2009	16.63	ND	14.37	ND	NA	2.26	
	10/26/2009	16.63	ND	14.10	ND	NA	2.53	
	4/21/2010	16.63	ND	13.79	ND	NA	2.84	
	7/19/2010	16.63	ND	14.19	ND	NA	2.44	
	10/15/2010	16.63	ND	14.33	ND	NA	2.30	
	1/11/2011	16.63	ND	15.04	ND	NA	1.59	
	4/25/2011	16.63	ND	14.84	ND	NA	1.79	
	7/22/2011	16.63	ND	18.61	ND	NA	-1.98	
	10/18/2011	16.63	ND	13.60	ND	NA	3.03	
	1/16/2012	16.63	ND	14.58	ND	NA	2.05	
	4/12/2012	16.63	ND	14.62	ND	NA	2.01	
	7/11/2012	16.63	ND	14.65	ND	NA	1.98	
	10/23/2012	16.63	ND	14.85	ND	NA	1.78	
MW-22 (14.5-34.5)	7/29/2009	29.36	25.79	27.20	1.41	0.8946*	3.42	
	10/26/2009	29.36	26.15	28.40	2.25	0.8946*	2.97	
	4/21/2010	29.36	NM	NM	NM	0.8946*	NM	Well inaccessible
	7/19/2010	29.36	25.47	26.97	1.50	0.8946*	3.73	
	10/15/2010	29.36	25.87	27.41	1.54	0.8946*	3.33	
	1/11/2011	29.36	26.93	29.70	2.77	0.8946*	2.14	
	4/25/2011	29.36	26.49	28.04	1.55	0.8946*	2.71	
	7/22/2011	29.36	26.12	27.52	1.40	0.8946*	3.09	
	10/18/2011	29.36	24.89	25.91	1.02	0.8946*	4.36	
	1/16/2012	29.36	25.91	27.53	1.62	0.8946*	3.28	
	4/12/2012	29.36	26.20	28.05	1.85	0.8946*	2.97	
	7/11/2012	29.36	26.35	28.95	2.60	0.8946*	2.74	
	10/23/2012	29.36	26.51	28.93	2.42	0.8946*	2.59	
MW-23 (10.5-24.5)	7/29/2009	19.05	17.09	23.85	6.76	0.8951*	1.25	
	10/26/2009	19.05	17.76	23.82	6.06	0.8951*	0.65	
	4/21/2010	19.05	17.57	22.36	4.79	0.8951*	0.98	
	7/19/2010	19.05	17.40	23.81	6.41	0.8951*	0.98	
	10/15/2010	19.05	17.58	23.13	5.55	0.8951*	0.89	
	1/11/2011	19.05	19.26	23.93	4.67	0.8951*	-0.70	
	4/25/2011	19.05	18.86	23.70	4.84	0.8951*	-0.32	
	7/22/2011	19.05	18.36	23.54	5.18	0.8951*	0.15	
	10/18/2011	19.05	17.59	23.56	5.97	0.8951*	0.83	
	1/16/2012	19.05	19.03	22.13	3.10	0.8951*	-0.31	
	4/12/2012	19.05	18.82	23.40	4.58	0.8951*	-0.25	
	7/11/2012	19.05	17.76	22.10	4.34	0.8951*	0.83	
	10/23/2012	19.05	17.75	22.05	4.30	0.8951*	0.85	
MW-24 (5.5-25.5)	7/29/2009	17.56	15.20	24.10	8.90	0.8951*	1.43	
	10/26/2009	17.56	15.79	24.25	8.46	0.8951*	0.88	
	4/21/2010	17.56	15.10	22.60	7.50	0.8951*	1.67	
	7/19/2010	17.56	15.12	24.03	8.91	0.8951*	1.51	
	10/15/2010	17.56	15.55	24.46	8.91	0.8951*	1.08	
	1/11/2011	17.56	17.31	24.79	7.48	0.8951*	-0.53	
	4/25/2011	17.56	16.66	24.10	7.44	0.8951*	0.12	
	7/22/2011	17.56	16.11	23.85	7.74	0.8951*	0.64	
	10/18/2011	17.56	15.10	23.31	8.21	0.8951*	1.60	
	1/16/2012	15.94	14.70	22.68	7.98	0.8951*	0.40	
	4/12/2012	15.94	15.00	22.31	7.31	0.8951*	0.17	
	7/11/2012	15.94	14.92	21.50	6.58	0.8951*	0.33	
	10/23/2012	15.94	15.00	22.60	7.60	0.8951*	0.14	

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MW-25 (2-22)	7/22/2011	5.85	ND	6.88	ND	NA	-1.03	
	10/18/2011	5.85	ND	5.70	ND	NA	0.15	
	1/16/2012	5.85	ND	6.30	ND	NA	-0.45	
	4/12/2012	5.85	ND	6.72	ND	NA	-0.87	
	7/11/2012	5.85	ND	6.65	ND	NA	-0.80	
	10/23/2012	5.85	ND	6.61	ND	NA	-0.76	
MW-26 (2-17)	7/22/2011	6.34	ND	8.27	ND	NA	-1.93	
	10/18/2011	6.34	ND	7.20	ND	NA	-0.86	
	1/16/2012	6.34	ND	6.54	ND	NA	-0.20	
	4/12/2012	6.34	ND	8.21	ND	NA	-1.87	
	7/11/2012	6.34	ND	7.71	ND	NA	-1.37	
	10/23/2012	6.34	ND	7.70	ND	NA	-1.36	
MW-27 (2-17)	7/22/2011	6.17	ND	8.11	ND	NA	-1.94	
	10/18/2011	6.17	ND	6.94	ND	NA	-0.77	
	1/16/2012	6.17	ND	7.78	ND	NA	-1.61	
	4/12/2012	6.17	8.40	8.42	0.02	0.9050**	-2.23	
	7/11/2012	6.17	8.10	8.12	0.02	0.9050**	-1.93	
	10/23/2012	6.17	ND	8.12	ND	NA	-1.95	
MW-28 (2-12)	7/22/2011	8.52	6.30	6.32	0.02	0.9050**	2.22	
	10/18/2011	8.52	5.97	6.07	0.10	0.9050**	2.54	
	1/16/2012	8.52	7.15	7.20	0.05	0.9050**	1.37	
	4/12/2012	8.52	7.26	7.28	0.02	0.9050**	1.26	
	7/11/2012	8.52	6.41	8.80	2.39	0.9050**	1.88	
	10/23/2012	8.52	7.02	7.19	0.17	0.9050**	1.48	
MW-28D (15-20)	7/11/2012	8.92	ND	8.11	ND	NA	0.81	
	10/23/2012	8.92	ND	10.23	ND	NA	-1.31	
MW-29 (2-11)	7/22/2011	8.95	ND	5.94	ND	NA	3.01	
	10/18/2011	8.95	ND	5.70	ND	NA	3.25	
	1/16/2012	8.95	ND	6.52	ND	NA	2.43	
	4/12/2012	8.95	ND	6.65	ND	NA	2.30	
	7/11/2012	8.95	ND	6.20	ND	NA	2.75	
	10/23/2012	8.95	ND	6.26	ND	NA	2.69	
MW-30 (2-15)	7/22/2011	7.16	5.37	6.27	0.90	0.9152	1.71	
	10/18/2011	7.16	4.85	5.82	0.97	0.9152	2.23	
	1/16/2012	7.16	6.04	6.90	0.86	0.9152	1.05	
	4/12/2012	7.16	6.20	6.24	0.04	0.9152	0.96	
	7/11/2012	7.16	5.70	6.60	0.90	0.9152	1.38	
	10/23/2012	7.16	6.00	6.55	0.55	0.9152	1.11	
MW-31 (2-12)	7/22/2011	4.42	ND	1.86	ND	NA	2.56	
	10/18/2011	4.42	ND	1.71	ND	NA	2.71	
	1/19/2012	4.42	ND	2.29	ND	NA	2.13	Inaccessible 1/16/12
	4/12/2012	4.42	NM	NM	NM	NA	NM	Well inaccessible
	7/12/2012	4.42	ND	2.07	ND	NA	2.35	
	10/23/2012	4.42	ND	2.92	ND	NA	1.50	
MW-32 (2-22)	7/22/2011	5.84	6.92	6.93	0.01	0.9050**	-1.08	
	10/18/2011	5.84	6.04	6.07	0.03	0.9050**	-0.20	
	1/16/2012	5.84	6.60	6.80	0.20	0.9050**	-0.78	
	4/12/2012	5.84	6.90	6.92	0.02	0.9050**	-1.06	
	7/11/2012	5.84	6.35	6.60	0.25	0.9050**	-0.53	
	10/23/2012	5.84	6.41	6.51	0.10	0.9050**	-0.58	

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MW-33 (2-17)	7/22/2011	5.70	4.24	4.98	0.74	0.9050**	1.39	
	10/18/2011	5.70	3.79	5.97	2.18	0.9050**	1.70	
	1/16/2012	5.70	4.79	7.00	2.21	0.9050**	0.70	
	4/12/2012	5.70	4.93	5.40	0.47	0.9050**	0.73	
	7/11/2012	5.70	4.48	6.00	1.52	0.9050**	1.08	
	10/23/2012	5.70	4.87	5.50	0.63	0.9050**	0.77	
MW-34 (2-17)	7/11/2012	7.00	8.00	8.19	0.19	0.9100**	-1.02	
	10/23/2012	7.00	7.11	7.60	0.49	0.9100**	-0.15	
MW-35 (2-15)	7/11/2012	6.95	7.45	7.47	0.02	0.9050**	-0.50	
	10/23/2012	6.95	NA	NM	NM	NA	NA	Well inaccessible
MW-36 (2-13)	7/11/2012	8.99	ND	7.90	ND	ND	1.09	
	10/23/2012	8.99	5.93	6.11	0.18	0.9050**	3.04	
MW-37 (5-19)	7/11/2012	13.95	ND	NM	ND	ND	NM	Could not locate
	10/23/2012	13.95	ND	11.04	ND	ND	2.91	
MW-38 (5-20)	7/11/2012	13.97	ND	10.17	ND	ND	3.80	
	10/23/2012	13.97	ND	10.41	ND	NA	3.56	
MW-39 (3-15)	7/11/2012	10.26	ND	10.26	ND	ND	0.00	
	10/23/2012	10.26	ND	8.03	ND	NA	2.23	
MW-40S (2-17)	7/11/2012	10.78	ND	7.59	ND	ND	3.19	
	10/23/2012	10.78	5.30	5.32	0.02	0.9050**	5.48	
MW-40D (26-36)	7/11/2012	10.76	ND	10.30	ND	ND	0.46	
	10/23/2012	10.76	ND	11.00	ND	NA	-0.24	
MW-41S (3-16)	7/11/2012	6.84	ND	3.95	ND	ND	2.89	
	10/23/2012	6.84	ND	4.90	ND	NA	1.94	
MW-41D (23-28)	7/11/2012	6.36	ND	6.74	ND	ND	-0.38	
	10/23/2012	6.36	ND	7.29	ND	NA	-0.93	
MW-42 (5-23)	7/11/2012	9.10	7.55	22.00	14.45	0.9050**	0.18	
	10/23/2012	9.10	7.97	17.03	9.06	0.9050**	0.27	
MW-43 (3-13)	7/11/2012	7.98	ND	4.58	ND	ND	3.40	
	10/23/2012	7.98	ND	5.40	ND	NA	2.58	
MW-44 (3-10)	7/11/2012	8.31	ND	3.61	ND	ND	4.70	
	10/23/2012	8.31	ND	3.50	ND	NA	4.81	
MW-45 (2-17)	7/11/2012	6.33	ND	7.23	ND	ND	-0.90	
	10/23/2012	6.33	6.74	7.60	0.86	0.9050**	-0.49	
MW-46 (2-17)	7/11/2012	8.88	ND	10.32	ND	ND	-1.44	
	10/23/2012	8.88	ND	10.15	ND	NA	-1.27	
MW-47 (3-13)	7/11/2012	8.37	4.65	4.70	0.05	0.9050**	3.72	
	10/23/2012	8.37	5.00	5.18	0.18	0.9050**	3.35	
MW-48S (3-17)	7/11/2012	9.81	9.20	9.23	0.03	0.9050**	0.61	
	10/23/2012	9.81	NA	NM	NM	NA	NA	Well inaccessible
MW-48D (18-23)	7/11/2012	9.83	9.61	22.73	13.12	0.9050**	-1.03	
	10/23/2012	9.83	9.91	22.03	12.12	0.9050**	-1.23	
MW-49S (3-20)	7/11/2012	10.68	10.30	22.60	12.30	0.9149	-0.67	
	10/23/2012	10.68	NA	NM	NM	NA	NA	Well inaccessible
MW-49M (20-30)	7/11/2012	10.93	10.85	11.50	0.65	0.9149	0.02	
	10/23/2012	10.93	NA	NM	NM	NA	NA	Well inaccessible
MW-49D (30-40)	7/11/2012	10.55	11.52	11.80	0.28	0.9149	-0.99	
	10/23/2012	10.55	11.92	12.15	0.23	0.9149	-1.39	
MW-50 (3-20)	7/11/2012	10.71	10.73	17.07	6.34	0.9050**	-0.62	
	10/23/2012	10.71	10.90	19.20	8.30	0.9050**	-0.98	

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MW-51 (3-20)	7/11/2012	9.83	10.20	10.27	0.07	0.9050**	-0.38	
	10/23/2012	9.83	10.50	10.54	0.04	0.9050**	-0.67	
MW-52 (2-17)	7/11/2012	6.31	ND	7.86	ND	ND	-1.55	
	10/23/2012	6.31	ND	7.70	ND	NA	-1.39	
MW-54 (5-25)	7/11/2012	11.06	9.45	11.20	1.75	0.9050**	1.44	
	10/23/2012	11.06	9.62	10.50	0.88	0.9050**	1.36	
MW-55 (5-25)	7/11/2012	11.06	8.90	21.30	12.40	0.9047	0.98	
	10/23/2012	11.06	9.50	15.90	6.40	0.9047	0.95	
MW-56 (10-30)	7/11/2012	15.22	14.25	14.70	0.45	0.9050**	0.93	
	10/23/2012	15.22	14.15	20.80	6.65	0.9050**	0.44	
MW-57 (5-25)	7/11/2012	11.12	9.23	14.85	5.62	0.9050**	1.36	
	10/23/2012	11.12	8.90	10.85	1.95	0.9050**	2.03	
MW-58 (5-15)	7/11/2012	15.33	13.87	14.72	0.85	0.9050**	1.38	
	10/23/2012	15.33	14.05	14.90	0.85	0.9050**	1.20	
MW-59 (15-30)	7/11/2012	29.20	ND	22.03	ND	ND	7.17	
	10/23/2012	29.20	ND	22.56	ND	NA	6.64	
MW-60S (15-35)	7/11/2012	23.08	ND	20.22	ND	ND	2.86	
	10/23/2012	23.08	22.20	22.22	0.02	0.9050**	0.88	
MW-60D (35-45)	7/11/2012	23.48	ND	NM	ND	ND	NM	Well Inaccessible
	10/23/2012	23.48	NA	NM	NM	NA	NA	Well Inaccessible
MW-61 (5-25)	7/11/2012	15.36	14.00	17.45	3.45	0.8951	1.00	
	10/23/2012	15.36	14.22	16.60	2.38	0.8951	0.89	
MW-62 (4-19)	7/11/2012	13.12	ND	7.21	ND	ND	5.91	
	10/23/2012	13.12	NA	NM	NM	NA	NA	Well Inaccessible
MW-63 (12-32)	7/11/2012	23.58	21.95	22.10	0.15	0.9050**	1.62	
	10/23/2012	23.58	ND	22.21	ND	NA	1.37	
MW-64 (10-25)	7/11/2012	15.40	14.90	18.55	3.65	0.9050**	0.15	
	10/23/2012	15.40	14.90	23.24	8.34	0.9050**	-0.29	
MW-65 (10-25)	7/11/2012	14.55	14.20	24.55	10.35	0.9026	-0.66	
	10/23/2012	14.55	NA	NM	NM	NA	NA	Well Inaccessible
MW-66 (15-30)	7/11/2012	22.65	ND	NM	ND	ND	NM	
	10/23/2012	22.65	20.01	20.78	0.77	0.9050**	2.57	
MW-67 (5-25)	7/11/2012	15.60	ND	12.99	ND	ND	2.61	
	10/23/2012	15.60	ND	13.27	ND	ND	2.33	
MW-68 (15-35)	7/11/2012	23.78	21.29	21.70	0.41	0.9050**	2.45	
	10/23/2012	23.78	21.45	21.93	0.48	0.9050**	2.28	
MW-69	10/23/2012	21.58	ND	19.27	ND	ND	2.31	
BW-1	4/25/2011	6.34	ND	8.27	ND	NA	-1.93	
	7/22/2011	6.34	ND	8.05	ND	NA	-1.71	
	10/18/2011	6.34	ND	6.96	ND	NA	-0.62	
	1/16/2012	6.34	ND	8.00	ND	NA	-1.66	
	4/12/2012	6.34	ND	6.14	ND	NA	0.20	
	7/12/2012	6.34	ND	4.45	ND	NA	1.89	
	10/23/2012	6.34	ND	6.52	ND	NA	-0.18	

TABLE 1
GROUNDWATER GAUGING SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2012

Well ID (Screen Interval fbg)	Date	Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity	Corrected GW Elevation (feet)	Comments
BW-2	4/25/2011	5.69	ND	7.94	ND	NA	-2.25	
	7/22/2011	5.69	ND	7.36	ND	NA	-1.67	
	10/18/2011	5.69	ND	9.09	ND	NA	-3.40	
	1/16/2012	5.69	ND	7.80	ND	NA	-2.11	
	4/12/2012	5.69	ND	5.62	ND	NA	0.07	
	7/12/2012	5.69	ND	3.78	ND	NA	1.91	
	10/23/2012	5.69	ND	6.69	ND	NA	-1.00	
BW-3	4/25/2011	6.02	ND	7.84	ND	NA	-1.82	
	7/22/2011	6.02	ND	7.77	ND	NA	-1.75	
	10/18/2011	6.02	ND	6.60	ND	NA	-0.58	
	1/16/2012	6.02	ND	7.80	ND	NA	-1.78	
	4/12/2012	6.02	ND	5.14	ND	NA	0.88	
	7/12/2012	6.02	ND	4.10	ND	NA	1.92	
	10/23/2012	6.02	ND	6.42	ND	NA	-0.40	
BW-4	4/25/2011	5.94	ND	7.77	ND	NA	-1.83	
	7/22/2011	5.94	ND	7.63	ND	NA	-1.69	
	10/18/2011	5.94	ND	6.30	ND	NA	-0.36	
	1/16/2012	5.94	ND	7.61	ND	NA	-1.67	
	4/12/2012	5.94	ND	6.11	ND	NA	-0.17	
	7/12/2012	5.94	ND	3.86	ND	NA	2.08	
	10/23/2012	5.94	ND	6.40	ND	NA	-0.46	
BW-5	4/25/2011	6.04	ND	7.80	ND	NA	-1.76	
	7/22/2011	6.04	ND	7.75	ND	NA	-1.71	
	10/18/2011	6.04	ND	6.47	ND	NA	-0.43	
	1/16/2012	6.04	ND	7.55	ND	NA	-1.51	
	4/12/2012	6.04	ND	6.24	ND	NA	-0.20	
	7/12/2012	6.04	ND	4.09	ND	NA	1.95	
	10/23/2012	6.04	ND	6.50	ND	NA	-0.46	
BW-6	4/25/2011	5.94	ND	7.70	ND	NA	-1.76	
	7/22/2011	5.94	ND	7.65	ND	NA	-1.71	
	10/18/2011	5.94	ND	6.46	ND	NA	-0.52	
	1/16/2012	5.94	ND	7.62	ND	NA	-1.68	
	4/12/2012	5.94	ND	6.04	ND	NA	-0.10	
	7/12/2012	5.94	ND	3.88	ND	NA	2.06	
	10/23/2012	5.94	ND	6.62	ND	NA	-0.68	
BW-7	4/25/2011	6.08	ND	7.92	ND	NA	-1.84	
	7/22/2011	6.08	ND	7.71	ND	NA	-1.63	
	10/18/2011	6.08	ND	6.47	ND	NA	-0.39	
	1/16/2012	6.08	ND	7.60	ND	NA	-1.52	
	4/12/2012	6.08	ND	6.10	ND	NA	-0.02	
	7/12/2012	6.08	ND	4.85	ND	NA	1.23	
	10/23/2012	6.08	ND	6.60	ND	NA	-0.52	
BW-8	4/25/2011	5.88	ND	7.80	ND	NA	-1.92	
	7/22/2011	5.88	ND	7.69	ND	NA	-1.81	
	10/18/2011	5.88	ND	6.55	ND	NA	-0.67	
	1/16/2012	5.88	ND	7.66	ND	NA	-1.78	
	4/12/2012	5.88	ND	6.12	ND	NA	-0.24	
	7/12/2012	5.88	ND	3.85	ND	NA	2.03	
	10/23/2012	5.88	ND	6.85	ND	NA	-0.97	

TABLE 1
GROUNDWATER GAUGING SUMMARY

Former Pratt Oil Works
Long Island City, New York

April 2009 through October 2012

Well ID (Screen Interval fbg)	Date	Top of Casing Elevation (feet)	Depth to LNAPL (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Specific Gravity	Corrected GW Elevation (feet)	Comments
BW-9	4/25/2011	6.30	ND	8.05	ND	NA	-1.75	
	7/22/2011	6.30	ND	7.91	ND	NA	-1.61	
	10/18/2011	6.30	ND	6.58	ND	NA	-0.28	
	1/16/2012	6.30	ND	8.06	ND	NA	-1.76	
	4/12/2012	6.30	ND	6.26	ND	NA	0.04	
	7/12/2012	6.30	ND	4.26	ND	NA	2.04	
	10/23/2012	6.30	ND	7.03	ND	NA	-0.73	
BW-10	4/25/2011	6.13	ND	7.95	ND	NA	-1.82	
	7/22/2011	6.13	ND	7.75	ND	NA	-1.62	
	10/18/2011	6.13	ND	6.39	ND	NA	-0.26	
	1/16/2012	6.13	ND	8.04	ND	NA	-1.91	
	4/12/2012	6.13	ND	6.24	ND	NA	-0.11	
	7/12/2012	6.13	ND	4.25	ND	NA	1.88	
	10/23/2012	6.13	ND	7.02	ND	NA	-0.89	
BW-11	4/25/2011	6.28	ND	8.14	ND	NA	-1.86	
	7/22/2011	6.28	ND	7.84	ND	NA	-1.56	
	10/18/2011	6.28	ND	6.41	ND	NA	-0.13	
	1/16/2012	6.28	ND	8.18	ND	NA	-1.90	
	4/12/2012	6.28	ND	6.48	ND	NA	-0.20	
	7/12/2012	6.28	ND	4.25	ND	NA	2.03	
	10/23/2012	6.28	ND	7.00	ND	NA	-0.72	
BW-12	4/25/2011	6.41	ND	8.32	ND	NA	-1.91	
	7/22/2011	6.41	ND	7.96	ND	NA	-1.55	
	10/18/2011	6.41	ND	6.30	ND	NA	0.11	
	1/16/2012	6.41	ND	8.27	ND	NA	-1.86	
	4/12/2012	6.41	ND	6.59	ND	NA	-0.18	
	7/12/2012	6.41	ND	4.40	ND	NA	2.01	
	10/23/2012	6.41	ND	7.24	ND	NA	-0.83	

Notes:

BW - Bulkhead well

Corrected GW Elevation - calculated using the following formula:
(top of casing elevation - depth to water) + (LNAPL thickness * LNAPL specific gravity)

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

fbg - feet below grade

GW - Groundwater

LNAPL - Light non-aqueous phase liquid

N/A - Not applicable

NA - Not analyzed

ND - Not detected

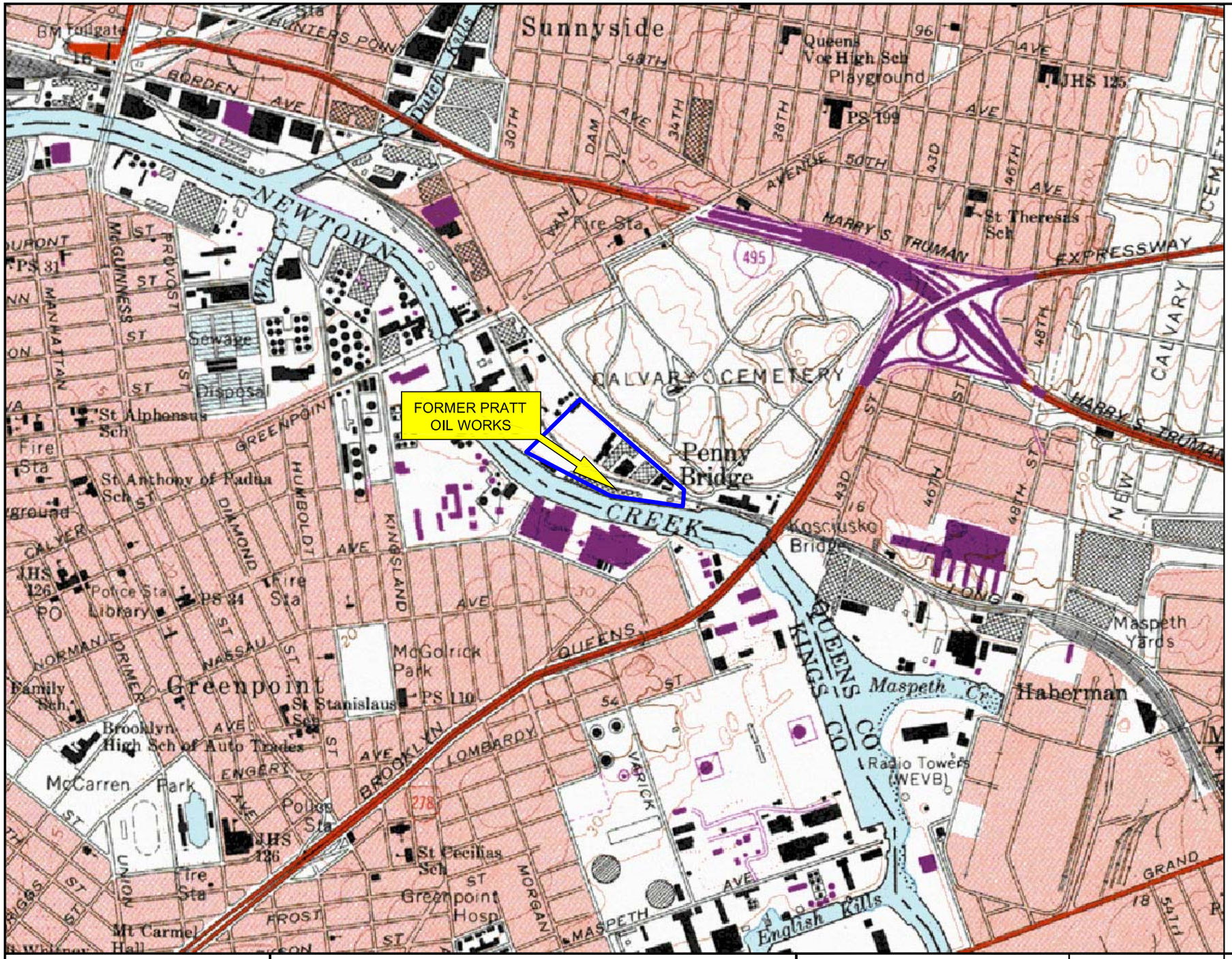
NM - Not monitored

NSVD - Not surveyed to vertical datum

* - estimated value based on density (grams per milliliter [g/mL])

** - estimated value based on surrounding wells

FIGURES



0 500 1,000 2,000

SCALE (feet)

APPROXIMATE LOCATION
OF FORMER PRATT OIL WORKS

N

LATITUDE: 40° 43' 47.32" N

LONGITUDE: 73° 56' 08.26" W

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

QUADRANGLE
LOCATION

KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

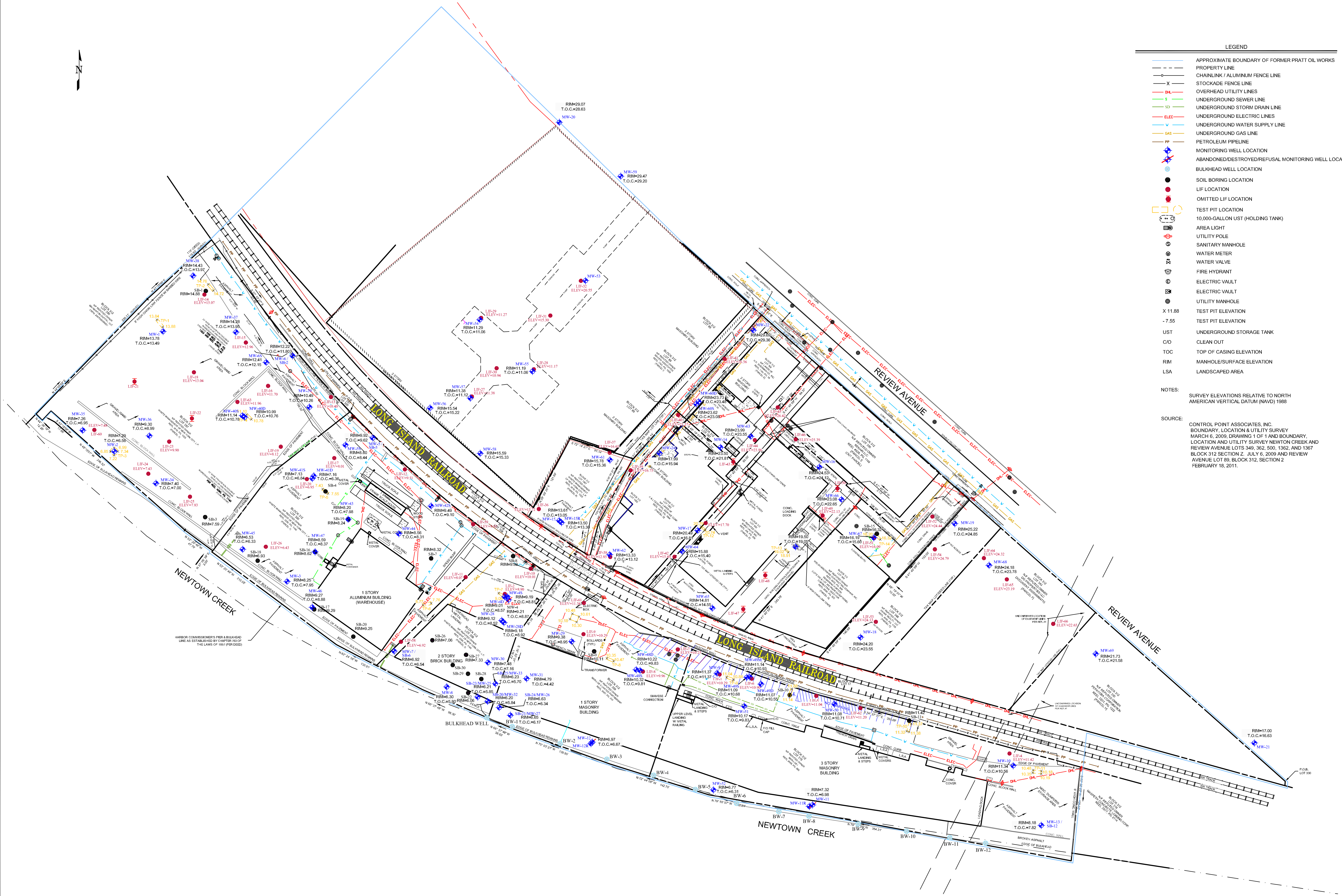
PROJECT NO.	124102
DRAWN:	12/12/2012
DRAWN BY:	JR
CHECKED BY:	JW
FILE NAME:	

LOCUS PLAN

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

FIGURE
1

BOHEMIA, NY



LEGEND

	APPROXIMATE BOUNDARY OF FORMER PRATT OIL WORKS
	PROPERTY LINE
	CHAINLINK / ALUMINUM FENCE LINE
X	STOCKADE FENCE LINE
OHL	OVERHEAD UTILITY LINES
S	UNDERGROUND SEWER LINE
SD	UNDERGROUND STORM DRAIN LINE
ELEC	UNDERGROUND ELECTRIC LINES
W	UNDERGROUND WATER SUPPLY LINE
GAS	UNDERGROUND GAS LINE
PP	PETROLEUM PIPELINE
	MONITORING WELL LOCATION
	ABANDONED/DESTROYED/REFUSAL MONITORING WELL LOCATION
	BULKHEAD WELL LOCATION
	SOIL BORING LOCATION
	LIF LOCATION
	OMITTED LIF LOCATION
	TEST PIT LOCATION
	10,000-GALLON UST (HOLDING TANK)
	AREA LIGHT
	UTILITY POLE
	SANITARY MANHOLE
	WATER METER
	WATER VALVE
	FIRE HYDRANT
	ELECTRIC VAULT
	ELECTRIC VAULT
	UTILITY MANHOLE
X 11.88	TEST PIT ELEVATION
- 7.55	TEST PIT ELEVATION
UST	UNDERGROUND STORAGE TANK
C/O	CLEAN OUT
TOC	TOP OF CASING ELEVATION
RIM	MANHOLE/SURFACE ELEVATION
LSA	LANDSCAPED AREA

NOTES:

SURVEY ELEVATIONS RELATIVE TO NORTH AMERICAN VERTICAL DATUM (NAVD) 1988

SOURCE:

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

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

NO.	REVISION	BY	DATE
1			

KLEINFELDER ENGINEERING P.C.
ONE CORPORATE DRIVE
BOHEMIA, NEW YORK
PH. (631) 218-0612 FAX. (631) 218-0787
www.kleinfelder.com

PROJ. NO.	ACAD FILE:	
124102	FPOW SITE PLAN WATERFRONT.dwg	
DRAWN BY:	CHECKED BY:	DESIGNED BY:
JR	JW	-

SITE PLAN

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

FOR REDUCED PLANS: ORIGINAL IN INCHES
0 0.5 1.0 1.5 2.0

DATE: 12/12/2012

SCALE: 1" = 60'

FIGURE 2

LEGEND

- LIF BORING LOCATION
- MONITORING WELL LOCATION
- REFUSAL MONITORING WELL LOCATION
- SOIL BORING LOCATION
- BULKHEAD WELL LOCATION
- THIRD PARTY MONITORING WELL LOCATION
- APPROXIMATE FORMER SOIL BORING LOCATION
- APPROXIMATE FORMER TEST PIT LOCATION
- TEST PIT LOCATION
- PROPERTY LINE
- FENCE
- RAILROAD
- PIPES WITH FLANGES
- UNDERGROUNG IDENTIFIED PIPES
- IDENTIFIED PIPES
- IDENTIFIED LINEAR METAL ANOMALIES
- CATCH BASIN LOCATION
- FIRE HYDRANT LOCATION
- UTILITY POLE LOCATION
- WATER MANHOLE LOCATION
- WATER VAULT LOCATION
- ELECTRIC MANHOLE LOCATION
- SEWER MANHOLE LOCATION
- MANHOLE COVER LOCATION
- BUILDING
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND GAS LINE
- OVERHEAD LINES
- UNDERGROUND SEWER/DRAIN LINE
- UNDERGROUND WATER LINE
- PETROLEUM PIPELINE
- STEEL BULKHEAD
- TIMBER BULKHEAD
- PAVED OVER TRAIN TRACKS
- CONCRETE BLOCKS
- CONCRETE PAD FOR SANITARY UNDERGROUND STORAGE TANK(UST)
- SPEED BUMP
- APPROXIMATE BOUNDARY OF FORMER PRATT OIL WORKS
- WATERFRONT PROJECT AREA
- INLAND PROJECT AREA

312-315: BLOCK - LOT

SOURCE: MICROSOFT AERIAL IMAGERY 2006

N

0 40 80
Feet

1 inch = 80 feet

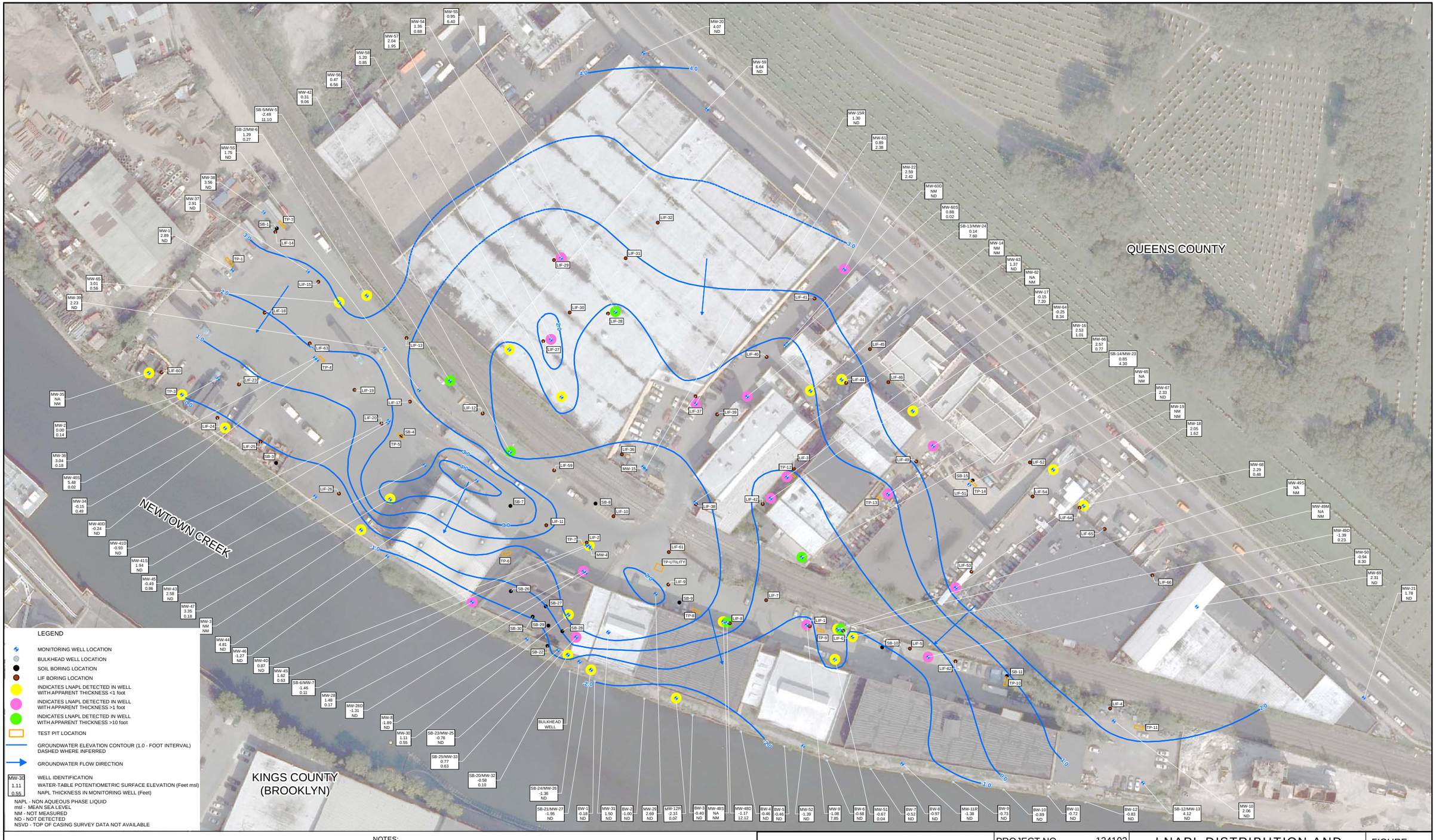
KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO.	124102
DRAWN:	12/12/2012
DRAWN BY:	J.R.
CHECKED BY:	J.W.
FILE NAME:	

AERIAL PLAN

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

FIGURE
3



SOURCE: MICROSOFT AERIAL IMAGERY 2006

0 30 60 Feet

NOTES:
1. GAUGING DATA COLLECTED ON OCTOBER 23, 2012 DURING LOW NEAP TIDE.
2. LOW NEAP TIDE ESTIMATED AT 11:00 AM FROM HUNTERS POINT, NEWTOWN CREEK ON JULY 11, 2012.
3. MONITORING WELLS MW-4D, MW-5, MW-6, MW-28D, MW-40D, MW-41D, MW-48D, MW-49M, MW-49D, AND MW-60D ARE SCREENED BELOW THE REGIONAL WATER TABLE AND THEREFORE WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.
4. GROUNDWATER ELEVATION DATA FROM MONITORING WELLS MW-13, MW-36, MW-40S, AND MW-59 WERE ANOMALOUS AND NOT USED TO GENERATE GROUNDWATER CONTOURS.
5. MONITORING WELLS MW-14, MW-19, MW-35, MW-48S, MW-49S, MW-49M, MW-60D, MW-62, AND MW-65 WERE INACCESSIBLE AND THEREFORE NOT GUAGED OR SAMPLED.
6. GROUNDWATER ELEVATIONS RELATIVE TO NORTH AMERICAN DATUM (NAD83).
7. BULKHEAD WELLS NOT USED TO GENERATE GROUNDWATER CONTOURS.

KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO.	124102
DRAWN:	12/12/2012
DRAWN BY:	J.R.
CHECKED BY:	J.W.
FILE NAME:	

LNAPL DISTRIBUTION AND GROUNDWATER ELEVATION CONTOUR MAP - 10/23/12

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

FIGURE
4

APPENDIX A

Disposal 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. 0025533

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 8/22/12 from wcl MW9, MW24

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:** 3914 Review Ave
Consignee Exxon Mobil	Shipper
Street 400 Kingsland Ave	Street Long Island City.
Destination Brooklyn NY Zip 11222	Origin FLOW Fairmont Road Zip
Route	of Works
Delivering Carrier AUCHTER INDUSTRIAL	Vehicle Number 1.

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- CARGO TK	X	UN1268	Petroleum Products N.O.S.	3	II	316		6.
			Received by:					

FILE

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

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

PLACARDS ☐ BY SHIPPER ☒ BY CARRIER

THIS SHIPPING ORDER

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

Shipper's No. 0025550

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 8/31/12 from MW9 - MW24

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.

FROM EXXON MOBIL TO

Consignee 3914 RIVIEW AVE

Street

Destination Long Is City NY Zip

FROM: EXXON MOBIL

Shipper 400 Kingsland Ave

Street

Origin Brooklyn NY Zip 11222

Route TRUCK

Delivering Carrier AUCHTER INDUSTRIAL

Vehicle Number 1

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 CARGO TANK	X	UN 1268	Petroleum Products N.O.S	3	II	407		G
			Received By _____					

FILE

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 _____

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

PLACARDS ☐ ☑

THIS SHIPPING ORDER

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

Shipper's No. 0025566

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 9/10/12 from 24,9

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:
Consignee Exxon Mobil
Street 400 Kingsland Ave
Destination Brooklyn NY Zip 11222
Route

FROM:
Shipper Long Island City
Street
Origin Zip

Delivering Carrier AUCHTER INDUSTRIAL Vehicle Number / 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-CARGO TK	X	UN1268	Petroleum Products N.O.S. (MW-9 & MW-24)	3	II	432		G
9/10/12								
MW-9 - 38"								
MW-24 - 35"								
MW-14 - 6"			Received by:					

FILE

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).

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

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

PLACARDS REQUIRED Flammable

PLACARDS SUPPLIED ☐ BY SHIPPER ☑ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: Weinstein

PER On behalf of Exxon Mobil DATE: 9/10/12

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: _____ DATE: 9/10/12

EMERGENCY RESPONSE TELEPHONE NUMBER: 908-862-2277

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

9-BLS-A3 431 (Rev. 9/10)

2

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

THIS SHIPPING ORDER

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

Shipper's No. 0025514

AUCHTER INDUSTRIAL VAC SERVICE, INC.

Carrier 4801 S. WOOD AVE. - LINDEN, NJ 07036 SCAC _____ Carrier's No. [redacted]

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 9/19 from NL 29 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:
Consignee Exxon Mobil
Street 400 kingsland Ave
Destination Brooklyn NY Zip 11222
Route

FROM:
Shipper 3914 Review Ave
Street Long Island city NY
Origin Zip

Delivering Carrier AUCHTER INDUSTRIAL | Vehicle Number | 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-CARGO TK	Y	UN1268	Petroleum Products N.O.S.	3	II	425		G.
			Received by:					

FILE

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: Kevin Fabian
PER: Exxon Mobil DATE: 9/19/12

EMERGENCY 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

PLACARDS REQUIRED: Flammable

PLACARDS SUPPLIED ☐ BY SHIPPER ☒ BY CARRIER

DRIVER'S SIGNATURE:

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.
PER: DATE: 9/19/12

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

9-BLS-A3 431 (Rev. 9/10)

2

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

THIS SHIPPING ORDER

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

Shipper's No. 0025586

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 9-26-12 from Tank 24

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: EXXON MOBIL	**FROM:** Klein Felder/EXXON MOBIL
Consignee 400 Kingsland Ave	Shipper 39-14 Review Ave.
Street	Street
Destination Brooklyn NY Zip 11222	Origin Long Island City NY Zip
Route TRUCK	
Delivering Carrier AUCHTER INDUSTRIAL	Vehicle Number 1
	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 CARGO TANK	X	UN 1268	PETROLEUM PRODUCTS N.O.S.	3	II	30		G
						FILE		
			Received By: _____					

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

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: 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 _____

PLACARDS REQUIRED Flammable

PLACARDS SUPPLIED ☐ BY SHIPPER ☒ BY CARRIER

DRIVER'S SIGNATURE _____

SHIPPER: Klein Felder/EXXON MOBIL

PER: As Rep. Exxon Mobil DATE: 9-26-12

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: _____ DATE: 9-26-12

EMERGENCY RESPONSE TELEPHONE NUMBER: 1-908-862-2277

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

9-BLS-A3 431 (Rev. 9/10)

2

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

THIS SHIPPING ORDER

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

Shipper's No. 0025599

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 10/10/12 from 4 drums

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 Exxon Mobil
Street 400 Kings Hand Rap
Destination Brooklyn NY Zip 11222

FROM:
Shipper Klinfelter
Street Long Island city.
Origin FPOW Zip

Route

Delivering Carrier AUCHTER INDUSTRIAL | Vehicle Number / | 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-CARGO TK	X	UN1268	Petroleum Products N.O.S. (Flamable Liquid)	3	II	250		G
			Received by					

FILE

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

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: 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 Scott Stern

PLACARDS REQUIRED Flamable

PLACARDS SUPPLIED ☐ BY SHIPPER ☒ BY CARRIER

DRIVER'S SIGNATURE: AA

SHIPPER: Klinfelter

PER: on behalf of Exxon Mobil DATE: 10/10/12

CARRIER: AUCHTER INDUSTRIAL VAC SERVICE, INC.

PER: R Burner DATE: 10/10/12

EMERGENCY RESPONSE TELEPHONE NUMBER: 908-862-2777

NAME OR CONTRACT NUMBER OR OTHER UNIQUE IDENTIFIER:

9-BLS-A3 431 (Rev. 9/10)

2

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

CWMI

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: C B 8 O G
2. Page 1 of: 1
3. Emergency Response Phone: (800) 424-9300
4. Waste Tracking Number: WMNH 00016394

5. Generator's Name and Mailing Address:
WM OF NY LLC C/O KLEINFELDER ATTN: JOHN WOLF
1757-24 VETERANS MEMORIAL HIGHWAY
ISLANDIA NY 11749
Generator's Phone: (716) 533-5310

Generator's Site Address (if different than mailing address):
WASTE MANAGEMENT OF NEW YORK
38-22 REVIEW AVE
LONG ISLAND CITY NY 11101

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550
U.S. EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-REGULATED MATERIAL 100131NY	6	DM	6	EST 250
	2. NON-REGULATED MATERIAL 102733NY	6	DM	6	EST. 50
	3.				
	4.				

FILE

13. Special Handling Instructions and Additional Information
1. 100131NY - PETROLEUM IMPACTED SOIL NON HAZ
2. 102733NY - NON HAZ PETROLEUM IMPACTED ABSORBENT
ER SERVICE CONTRACTED BY WASTE MANAGEMENT CCN24117 SR #

14. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.' I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: ROBERT PENSMOVE For HAZWITCH TRUCKS INC Signature: [signature] Month 12 Day 21 Year 12
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR'S/SHIPPER'S INITIAL COPY

CWMI

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

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	C E S Q G	1	(800) 424-9300	WMNH 00016395

5. Generator's Name and Mailing Address
EXXON MOBIL C/O KLEINFELDER ATTN: JOHN WOLF
ONE CORPORATE DR, SUITE 201
BOHEMIA NY 11716
Generator's Phone: (908) 474-6202

Generator's Site Address (if different than mailing address)
EXXON MOBIL
39-14 REVIEW AVE
LONG ISLAND CITY NY 11101

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON DOT REGULATED MATERIAL 100166NY	3	DM	3	55G 50
	2.				
	3.				
	4.				

FILE

13. Special Handling Instructions and Additional Information
1. 100166NY - PPE,PLASTIC SHEETING,PADS SERVICE REQUEST #
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract CCN24117

14. GENERATOR'S CERTIFICATION: 'I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.' I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Scott Sl... On behalf of Exxon Mobil — Signature: [signature] — Month 12 Day 21 Year 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: For Horwith Trucks Inc Robert Densmore — Signature: [signature] — Month 12 Day 21 Year 12
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

GENERATOR'S/SHIPPER'S INITIAL COPY

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

LORCO PETROLEUM SERVICES

www.lorcopetroleum.com

STANDARD COLLECTION ORDER FORM

975854

GENERATOR/LOCATION

SALES ORDER #

NAME

INFORMATION/ATTENTION LINE

ACCOUNT APPROVAL CODE

DELIVERY ADDRESS

CITY

STATE

ZIP

PHONE NUMBER

PURCHASE ORDER NUMBER

TIME IN

TIME OUT

BILL TO (IF DIFFERENT FROM LOCATION)

NAME

INFORMATION/ATTENTION LINE

ACCOUNT APPROVAL CODE

DELIVERY ADDRESS

CITY

STATE

ZIP

PHONE NUMBER

PURCHASE ORDER NUMBER

MANIFEST NUMBER

SHIPPING INFORMATION

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

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

SERVICE SECTION

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

FILE

PARTS WASHER SERVICE INTERVAL _____ DAYS.

USED OIL CUSTOMER SERVICED EVERY 30 DAYS UNLESS OTHERWISE INDICATED.

USED OIL SERVICE INTERVAL _____ DAYS.

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

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

☐ Other _____ Description

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

X _____ Print Name _____ Title

X _____ Signature _____ Date

GENERATOR/CUSTOMER

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR CERTIFICATION

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

X _____ GENERATOR'S SIGNATURE

NON CONDITIONALLY EXEMPT LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS

X _____ PPM

CUSTOMER

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. $ _____

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

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

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

X _____ Print Name

X _____ Signature _____ Date

LORCO REPRESENTATIVE

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

LORCO PETROLEUM SERVICES

www.lorcopetroleum.com

STANDARD COLLECTION ORDER FORM

975862

GENERATOR/LOCATION

SALES ORDER # 354427

NAME: Former pratt oil works

INFORMATION/ATTENTION LINE

ACCOUNT APPROVAL CODE

DELIVERY ADDRESS: 37-14 Harriet ave

CITY: Long island city N.Y. STATE ZIP

PHONE NUMBER: –

PURCHASE ORDER NUMBER

TIME IN: 1:40 / 7:00

TIME OUT: 10:00 / 12:00

BILL TO (IF DIFFERENT FROM LOCATION)

NAME: Exxon Mobil Environmental

INFORMATION/ATTENTION LINE

ACCOUNT APPROVAL CODE

DELIVERY ADDRESS: 400 Kingsland ave

CITY: Brooklyn STATE N.Y. ZIP 11222

PHONE NUMBER

PURCHASE ORDER NUMBER

MANIFEST NUMBER: [illegible]

SHIPPING INFORMATION

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

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

SERVICE SECTION

ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL		4252	4			
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL						
40611	NEW 55 GAL DRUMS / 17H						
40515	OIL WATER SEPARATOR SERVICE						
41513	TANK WASHER		vacuum out [illegible] tanks				
41507	TANK ENTRY						
41500	TRANSPORTATION						
41508	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						

TOTAL

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

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

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

☐ Other ______________________
Description

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

X ______________________
Print Name Title

X ______________________
Signature Date

GENERATOR/CUSTOMER

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR CERTIFICATION

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

X ______________________
GENERATOR'S SIGNATURE

NON CONDITIONALLY EXEMPT LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS

X ________ PPM

CUSTOMER

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

$

PAYMENT RECEIVED SECTION

	TOTAL RECEIVED
CASH ☐	
CHECK NUMBER	

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

X [illegible signature] [illegible date]
Print Name

X [illegible signature] [illegible date]
Signature Date

LORCO REPRESENTATIVE

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

LORCO PETROLEUM SERVICES

www.lorcopetroleum.com

STANDARD COLLECTION ORDER FORM

975912

GENERATOR/LOCATION

SALES ORDER #

NAME

INFORMATION/ATTENTION LINE

ACCOUNT APPROVAL CODE

DELIVERY ADDRESS

CITY

STATE ZIP

PHONE NUMBER

PURCHASE ORDER NUMBER

TIME IN

TIME OUT

BILL TO (IF DIFFERENT FROM LOCATION)

NAME

INFORMATION/ATTENTION LINE

ACCOUNT APPROVAL CODE

DELIVERY ADDRESS

CITY

STATE ZIP

PHONE NUMBER

PURCHASE ORDER NUMBER

MANIFEST NUMBER

SHIPPING INFORMATION

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

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

SERVICE SECTION

ITEM #	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	UNE TOTAL
40500	USED OIL REMOVAL		24.5				
40300	ANTIFREEZE REMOVAL						
40400	OILY WATER DISPOSAL						
41100	SLUDGE DISPOSAL						
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL						
40611	NEW 55 GAL DRUMS / 17H						
40515	OIL WATER SEPARATOR SERVICE						
41513	TANK WASHER						
41507	TANK ENTRY						
41500	TRANSPORTATION						
41508	TRUCK AND OPERATOR						
41514	ADDITIONAL LABOR						
				TOTAL			

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

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

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

☐ Other _____
Description

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

X _____
Print Name Title

X _____
Signature Date

GENERATOR/CUSTOMER

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR CERTIFICATION

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

X _____
GENERATOR'S SIGNATURE

NON CONDITIONALLY EXEMPT LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS

X _____ PPM

CUSTOMER

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

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

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

X _____
Print Name

X _____
Signature Date

LORCO REPRESENTATIVE

APPENDIX B

LNAPL Recovery Charts

FIGURE 1
LNAPL THICKNESS VERSE TIME - MW-2

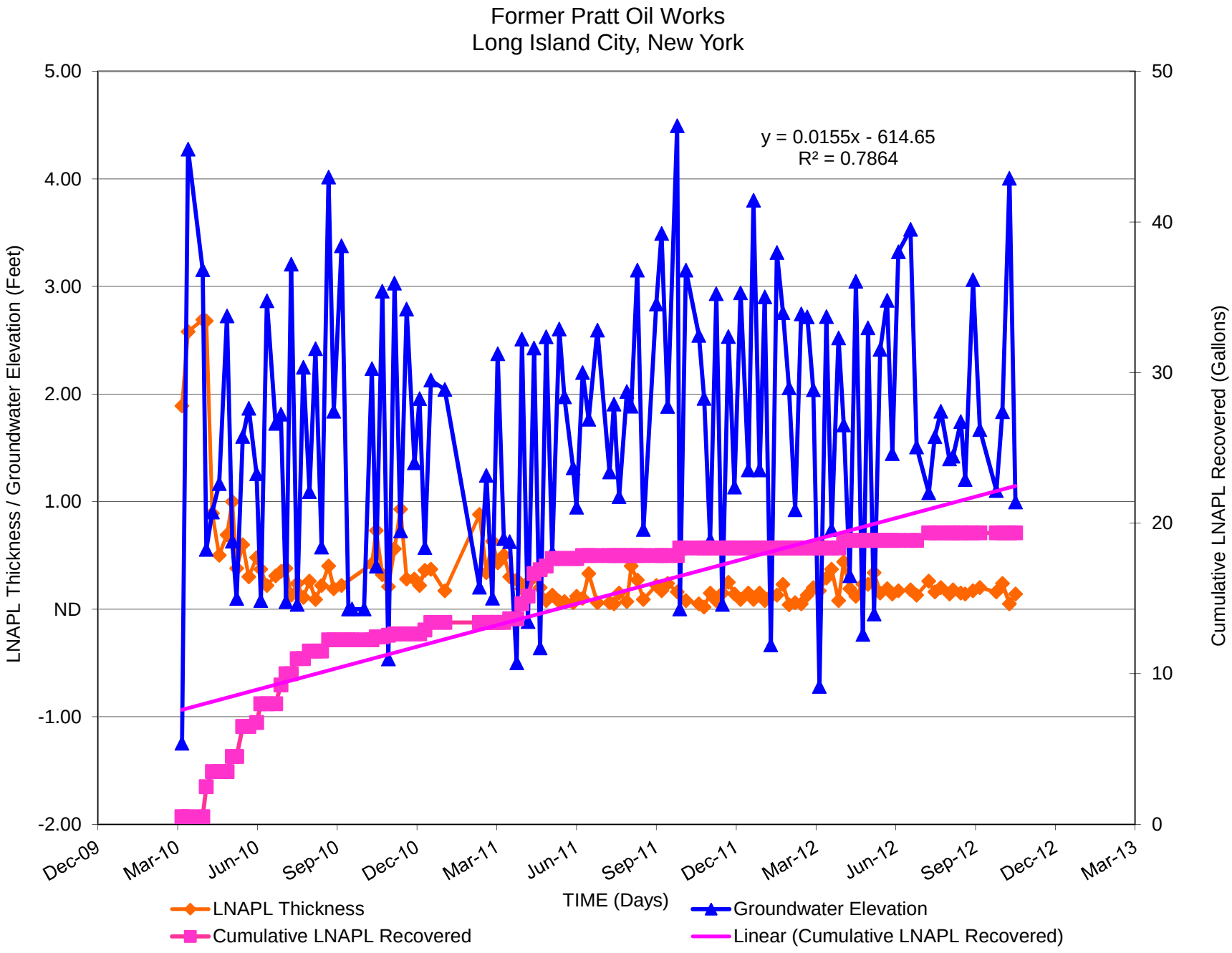


FIGURE 2
LNAPL THICKNESS VERSE TIME - MW-4S

Former Pratt Oil Works
Long Island City, New York

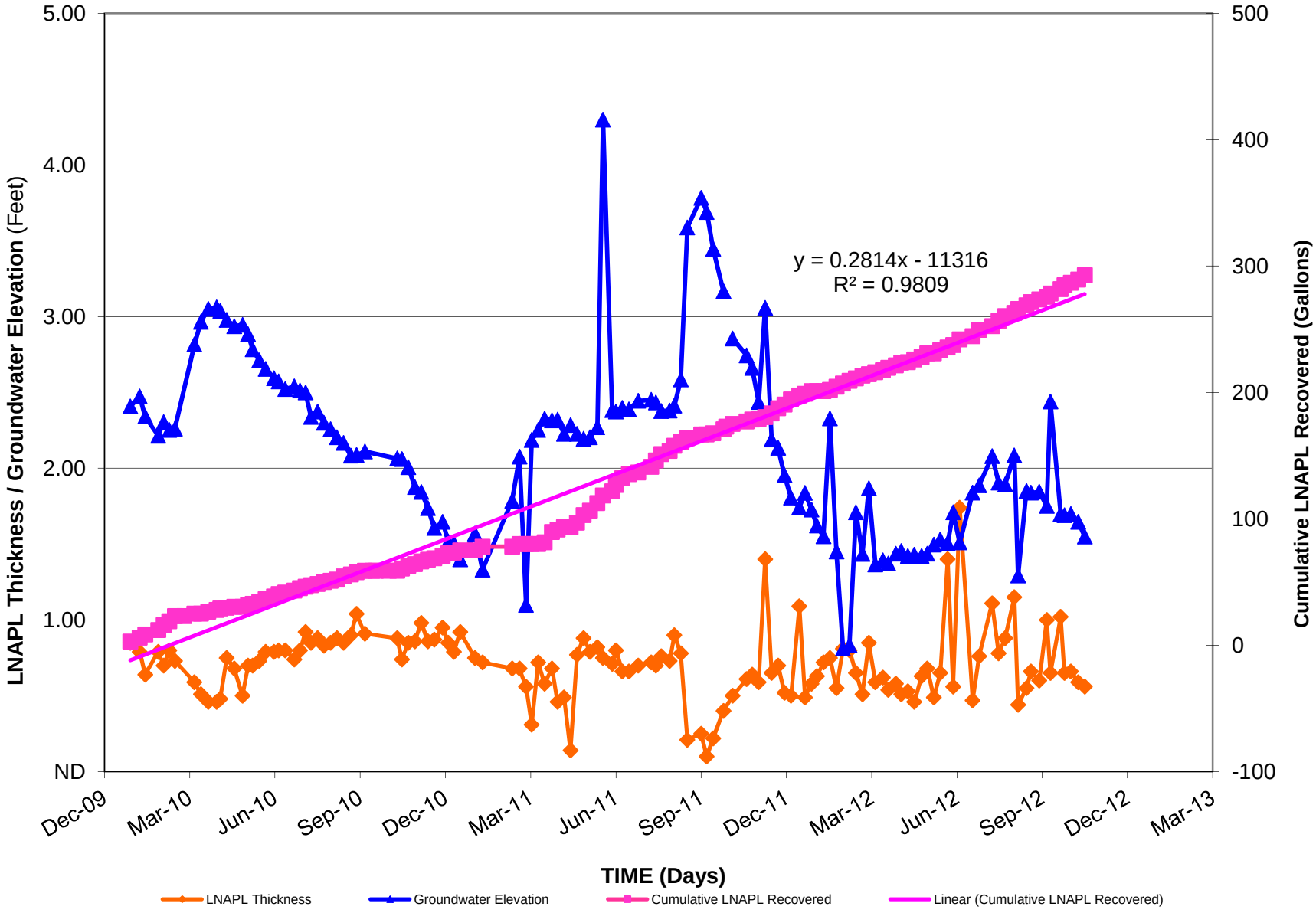


FIGURE 3
LNAPL THICKNESS VERSE TIME - MW-5

Former Pratt Oil Works
Long Island City, New York

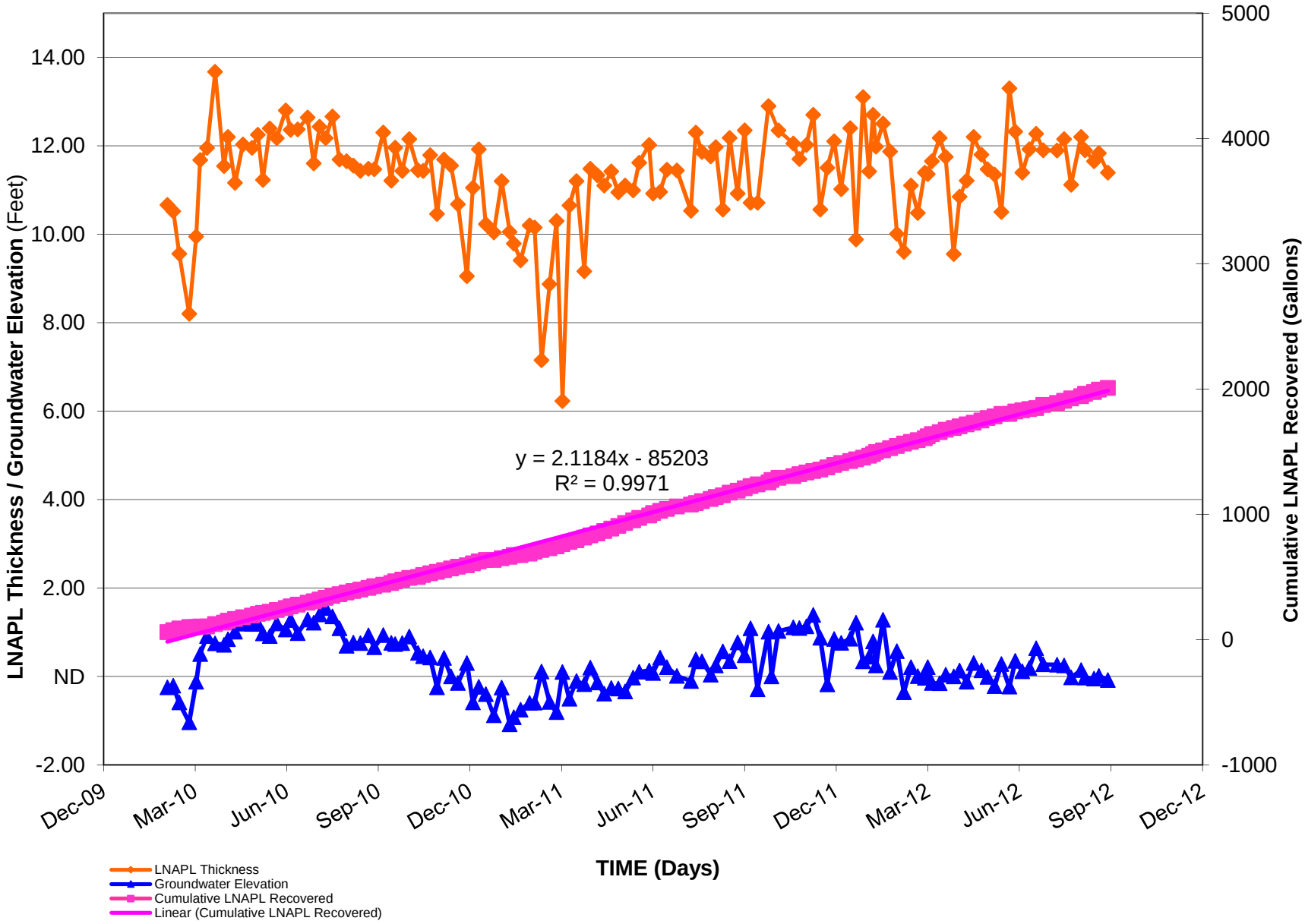


FIGURE 4
LNAPL THICKNESS VERSE TIME - MW-6

Former Pratt Oil Works
Long Island City, New York

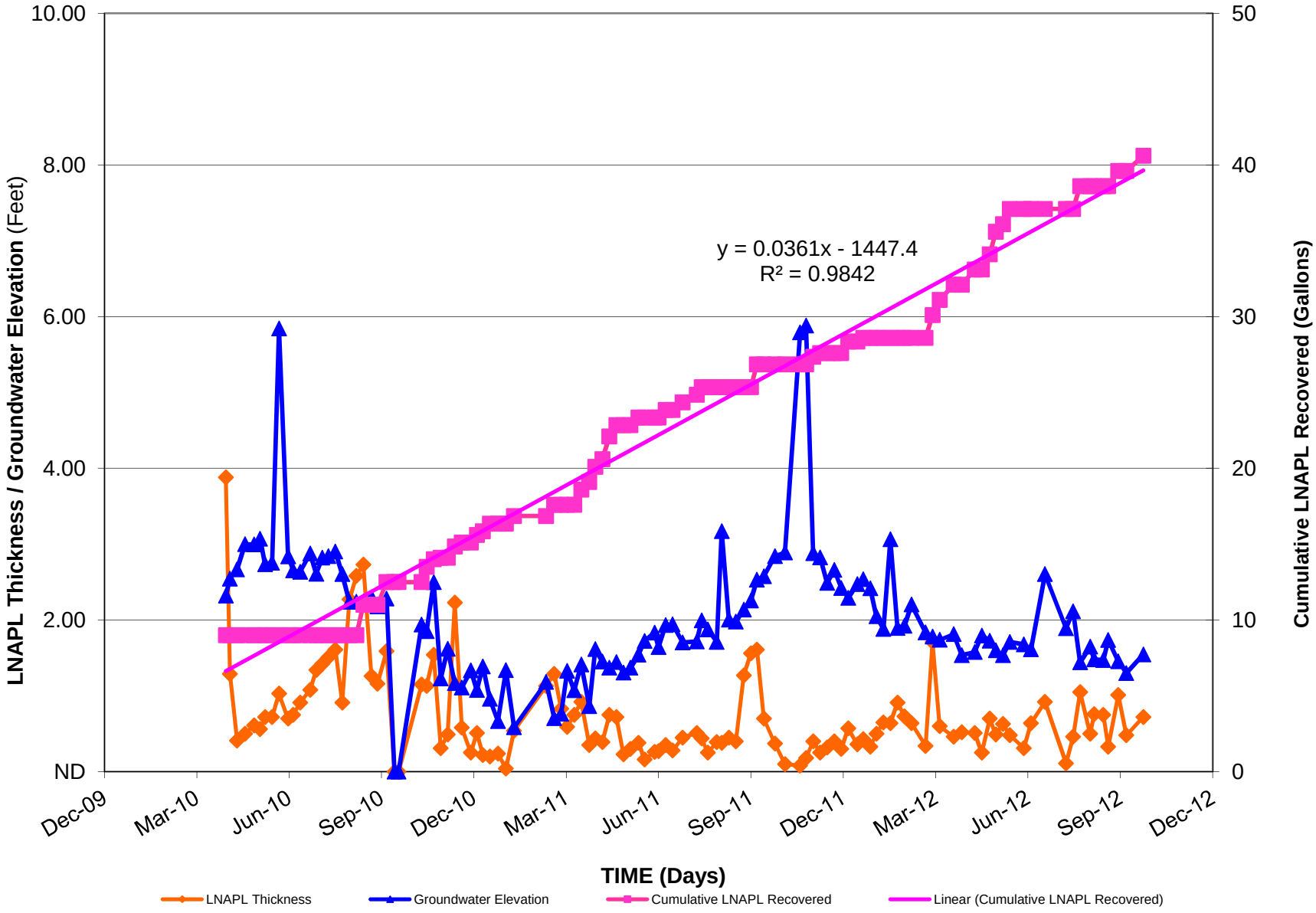


FIGURE 5
LNAPL THICKNESS VERSE TIME - MW-7

Former Pratt Oil Works
Long Island City, New York

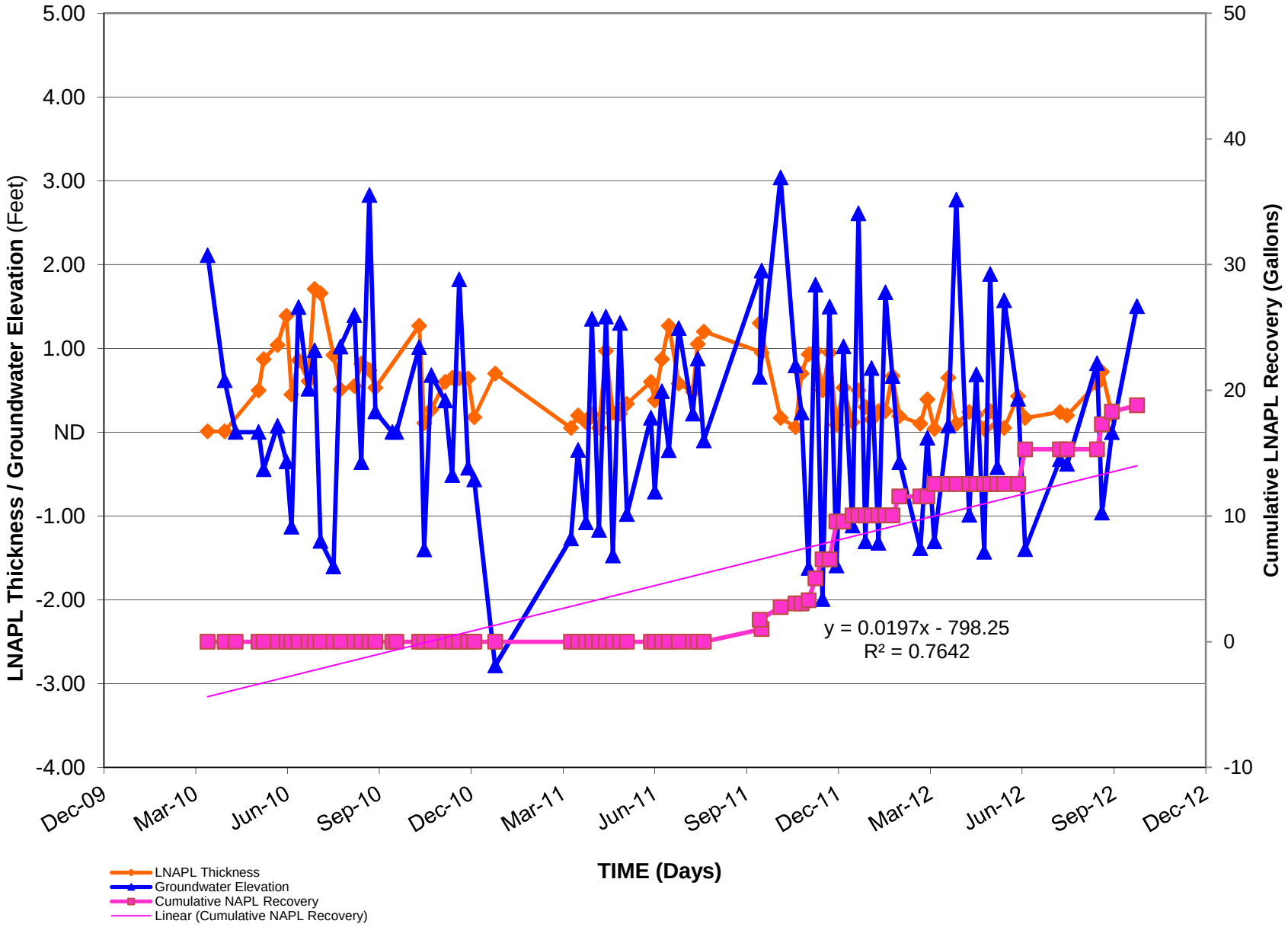


FIGURE 6
LNAPL THICKNESS VERSE TIME - MW-9

Former Pratt Oil Works
Long Island City, New York

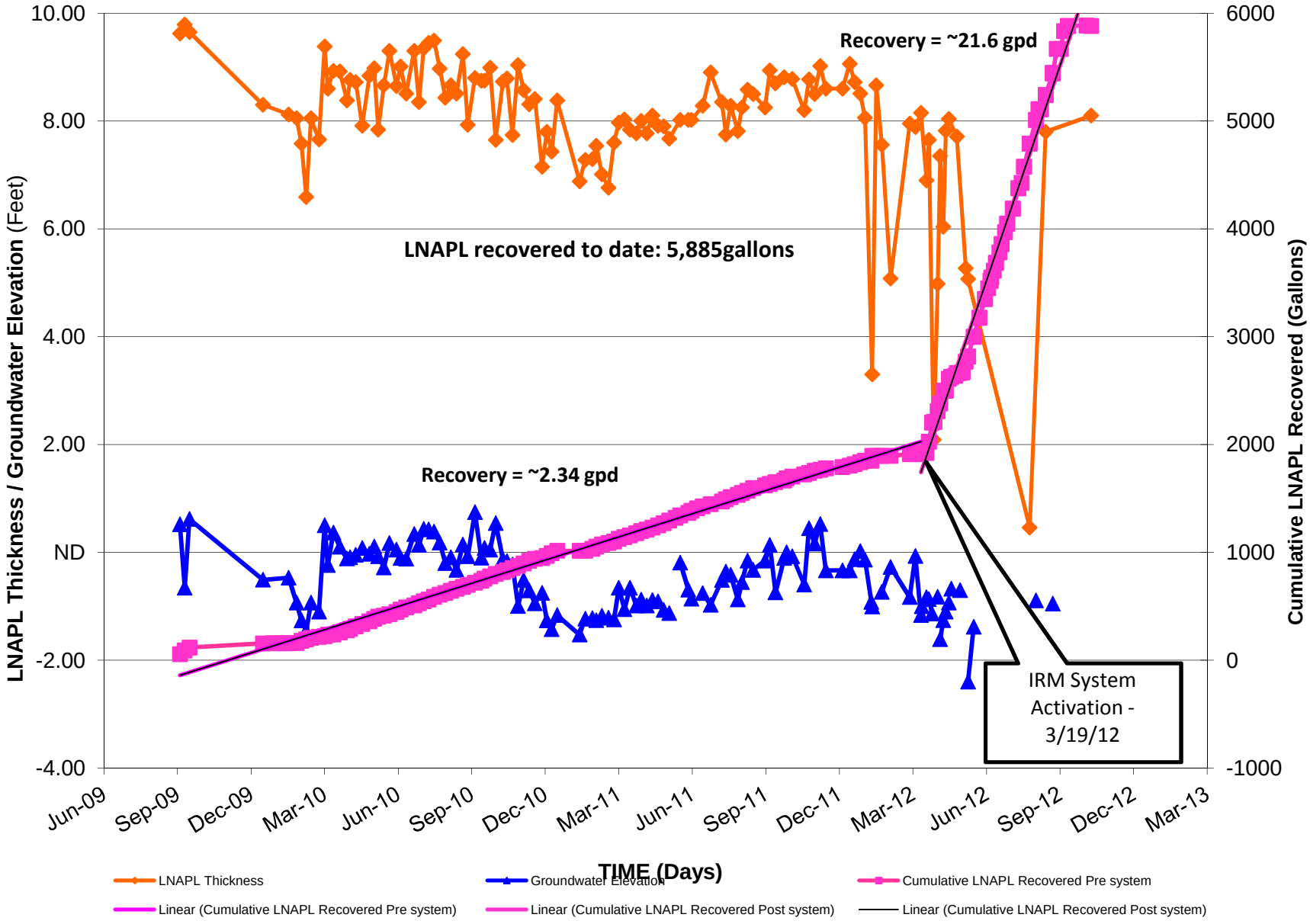


FIGURE 7
LNAPL THICKNESS VERSE TIME - MW-14

Former Pratt Oil Works
Long Island City, New York

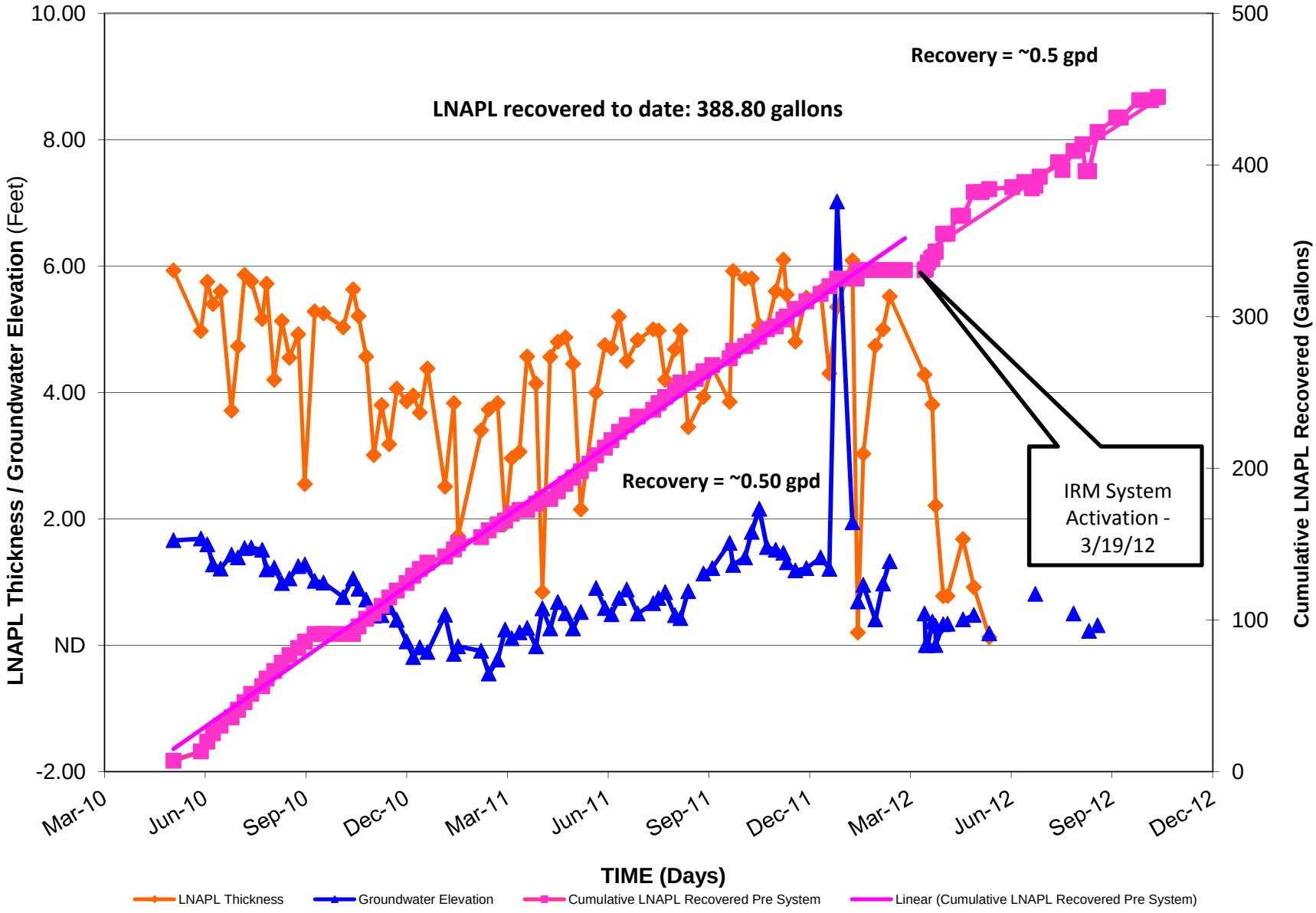


FIGURE 8
LNAPL THICKNESS VERSE TIME - MW-16

Former Pratt Oil Works
Long Island City, New York

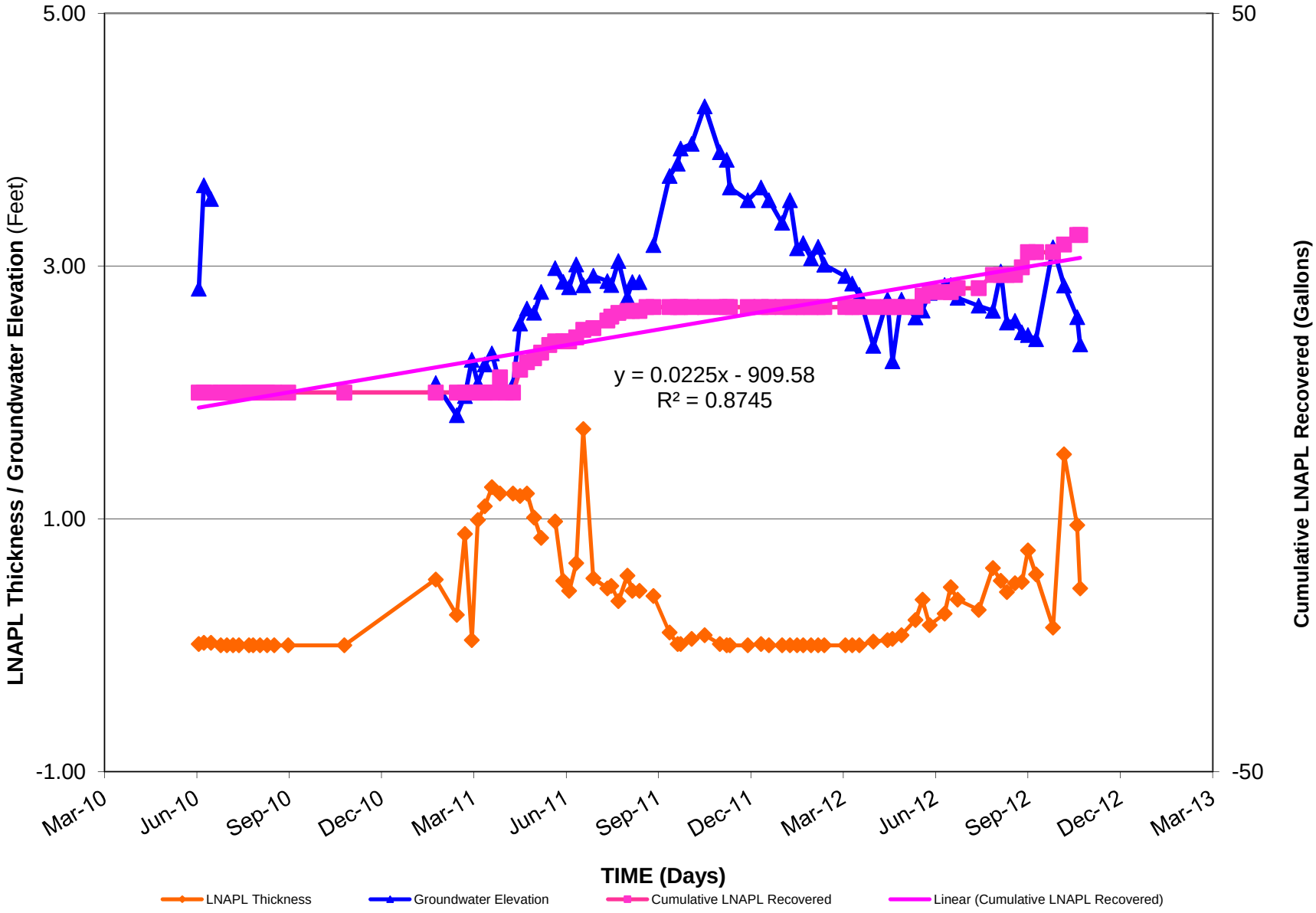


FIGURE 9
LNAPL THICKNESS VERSE TIME - MW-17

Former Pratt Oil Works
Long Island City, New York

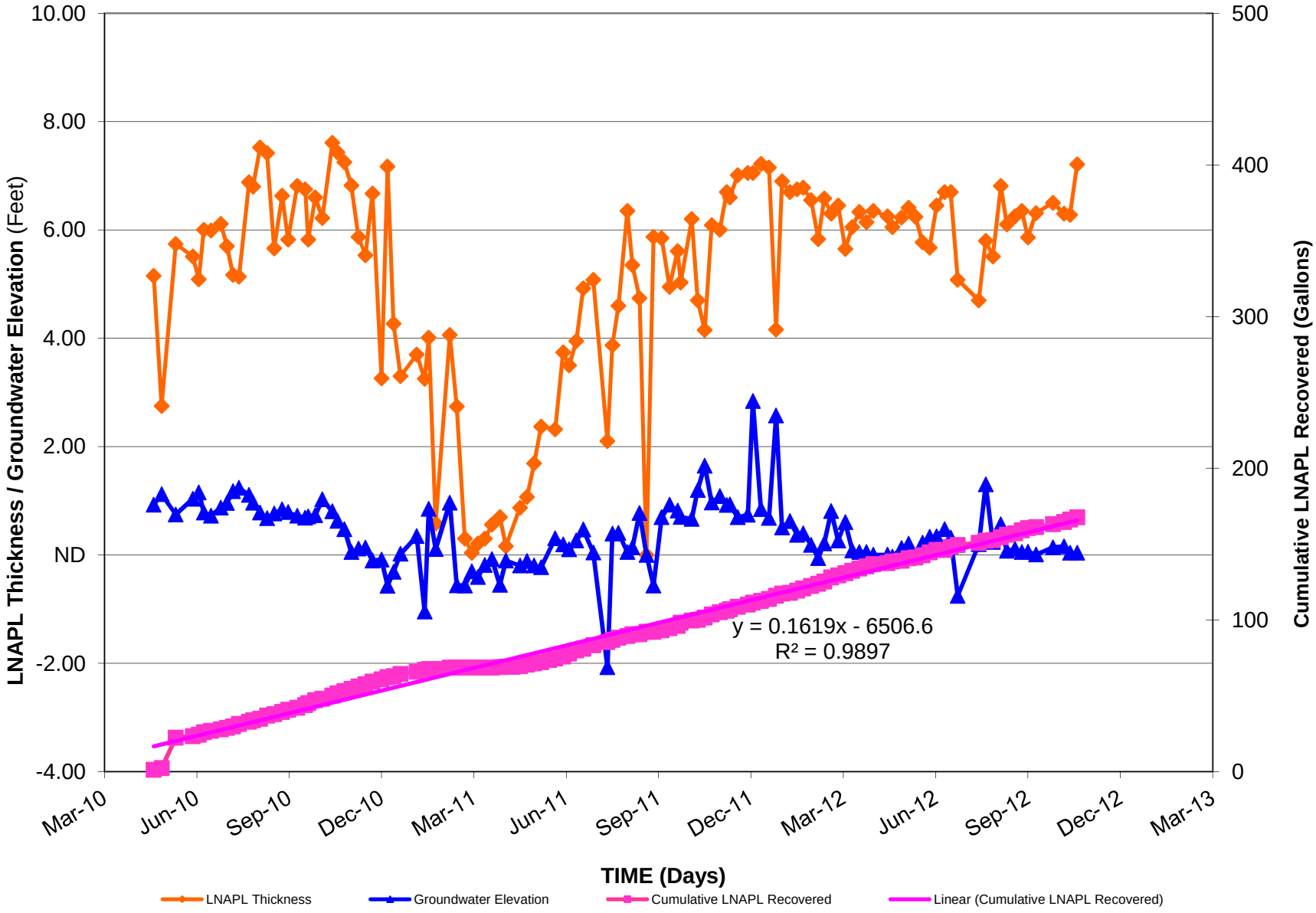


FIGURE 10
LNAPL THICKNESS VERSE TIME - MW-18

Former Pratt Oil Works
Long Island City, New York

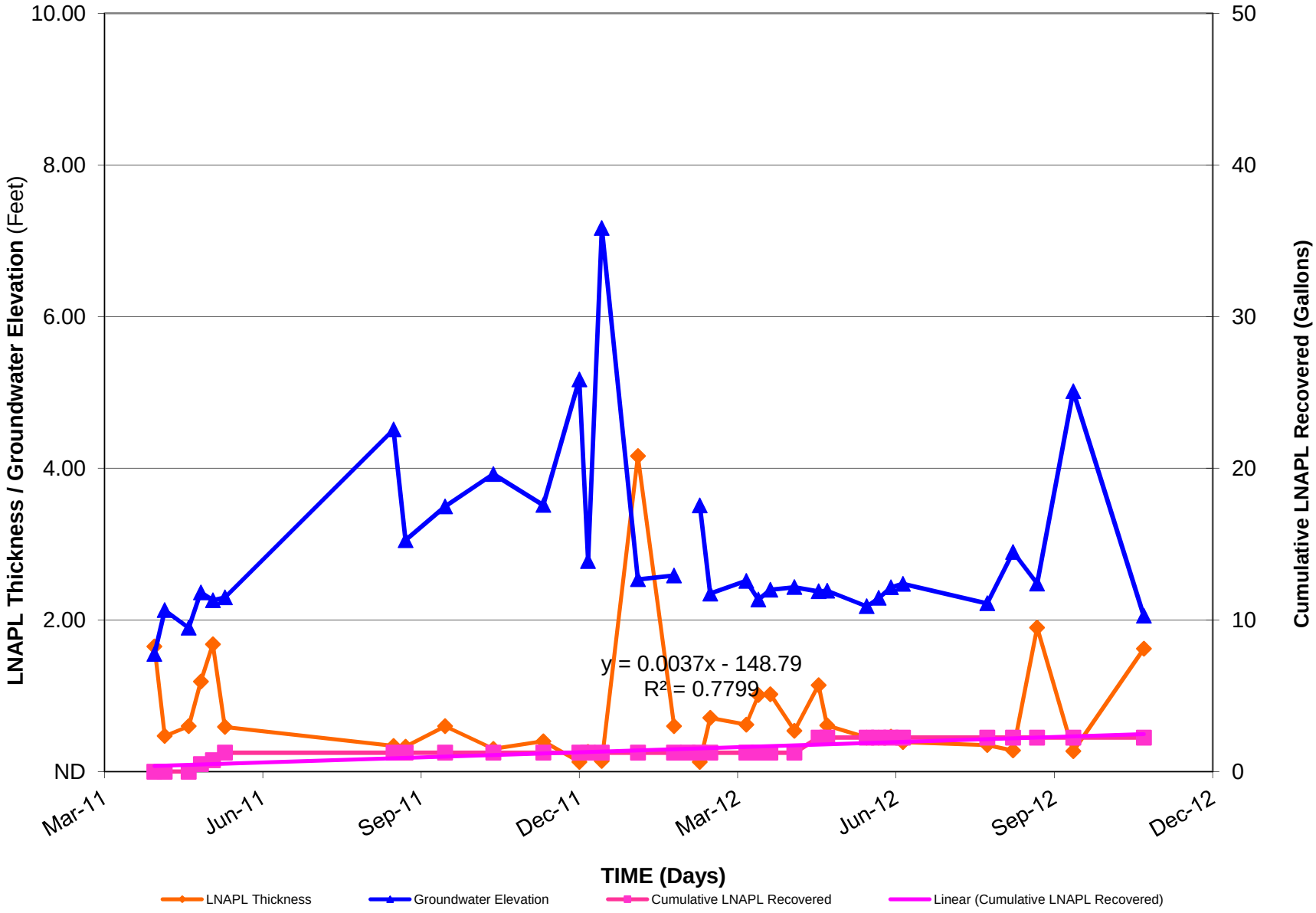


FIGURE 11
LNAPL THICKNESS VERSE TIME - MW-19

Former Pratt Oil Works
Long Island City, New York

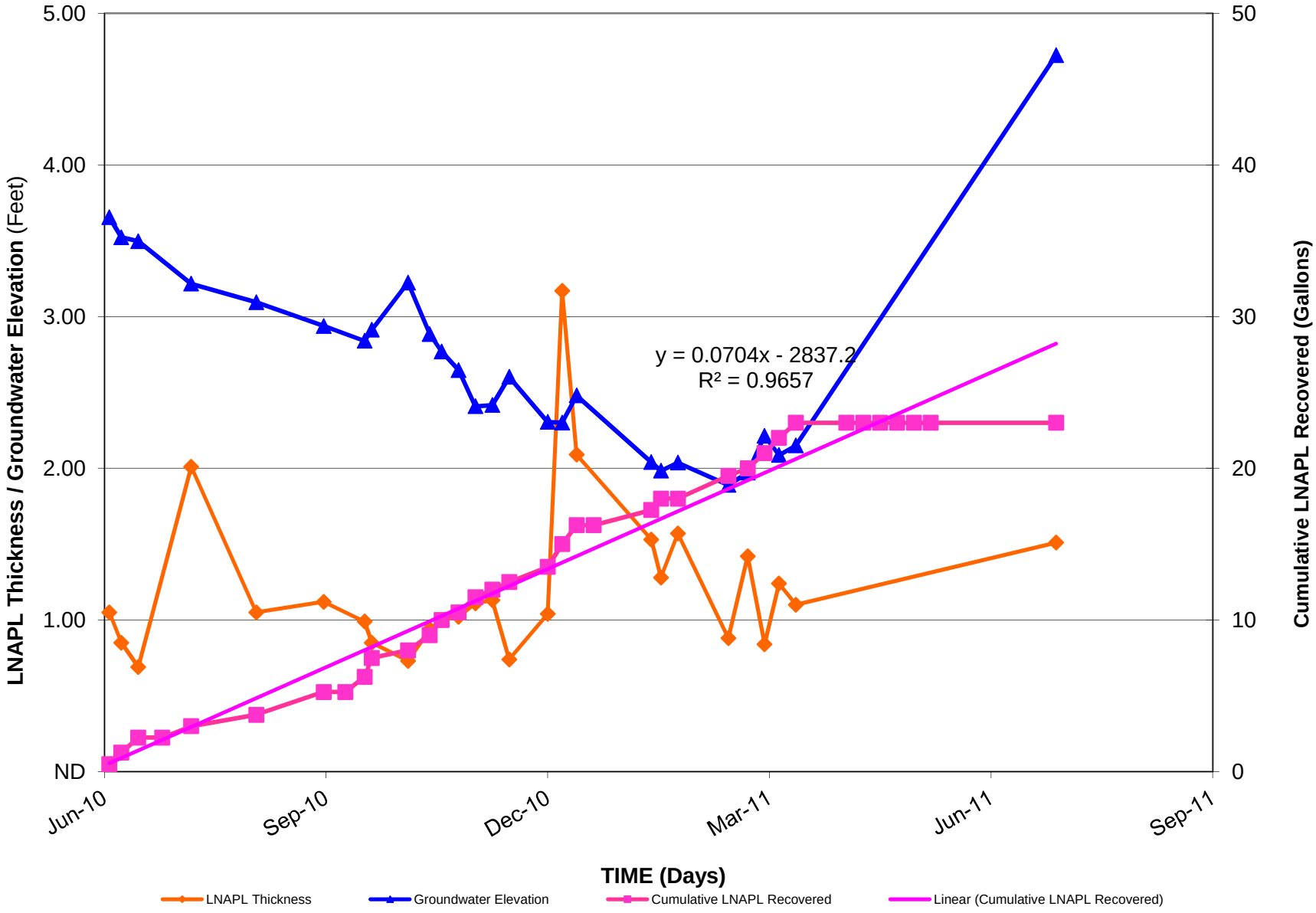


FIGURE 12
LNAPL THICKNESS VERSE TIME - MW-23

Former Pratt Oil Works
Long Island City, New York

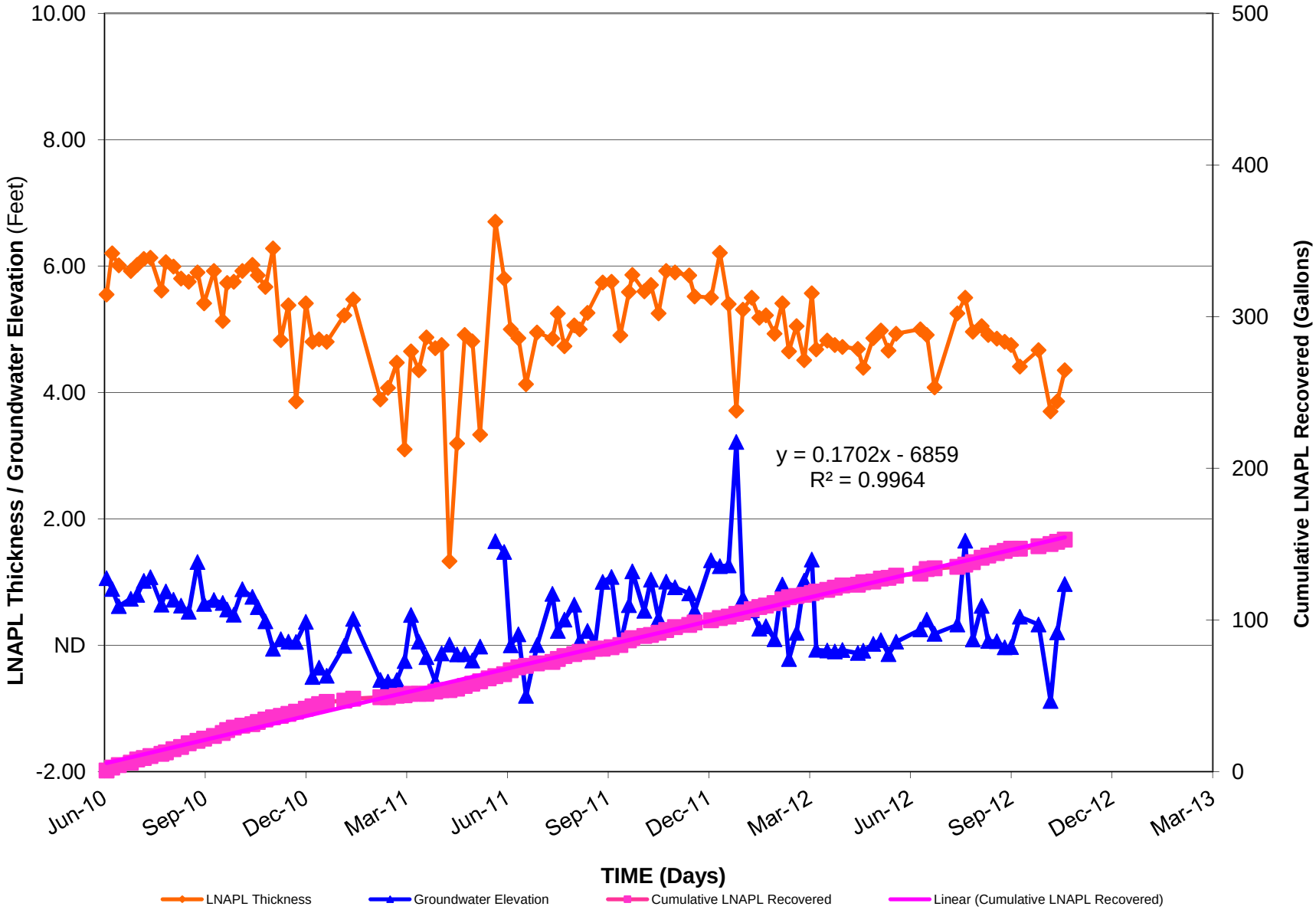


FIGURE 13
LNAPL THICKNESS VERSUS TIME - MW-24

Former Pratt Oil Works
Long Island City, New York

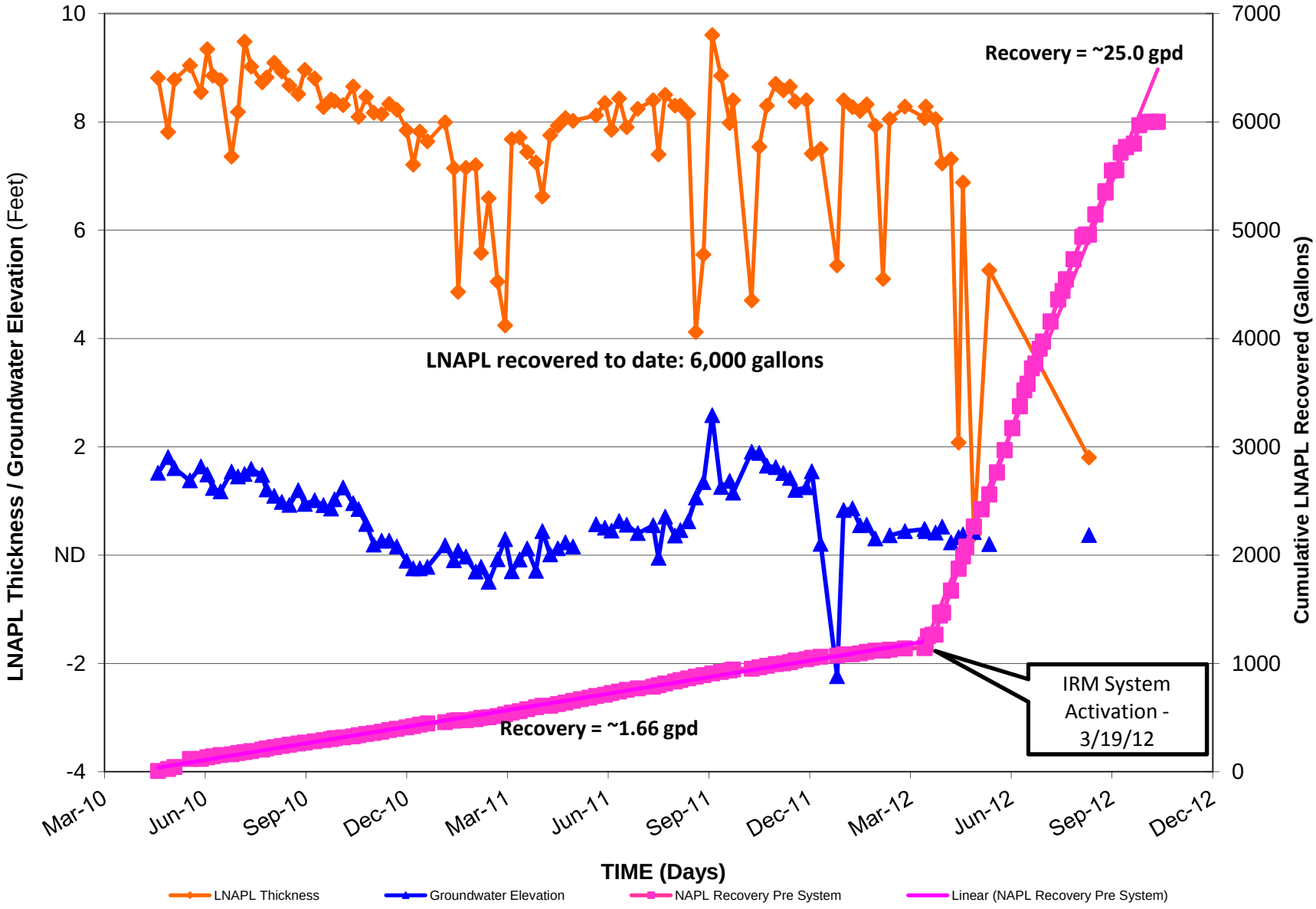


FIGURE 14
LNAPL THICKNESS VERSE TIME - MW-28

Former Pratt Oil Works
Long Island City, New York

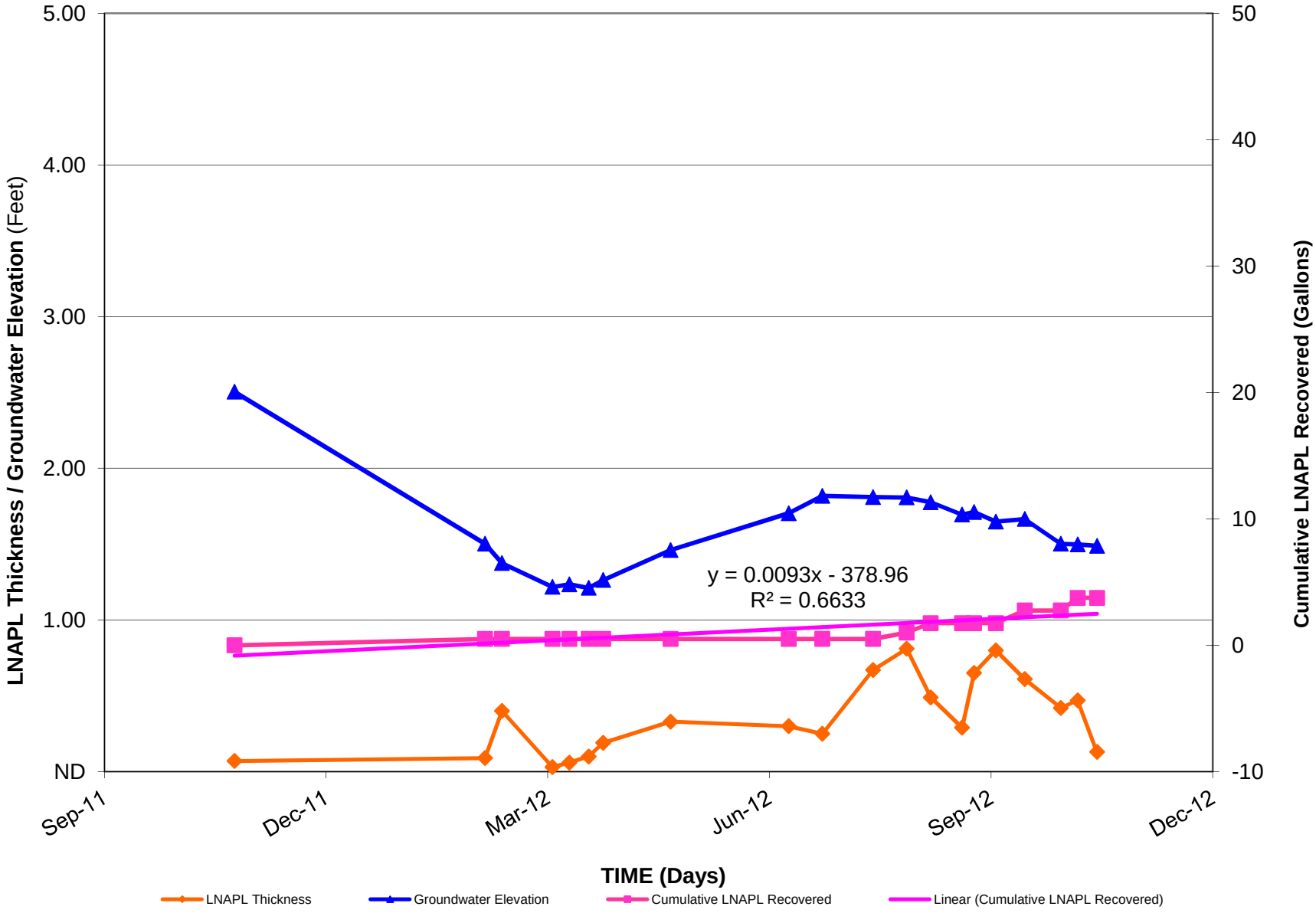


FIGURE 15
LNAPL THICKNESS VERSE TIME - MW-30

Former Pratt Oil Works
Long Island City, New York

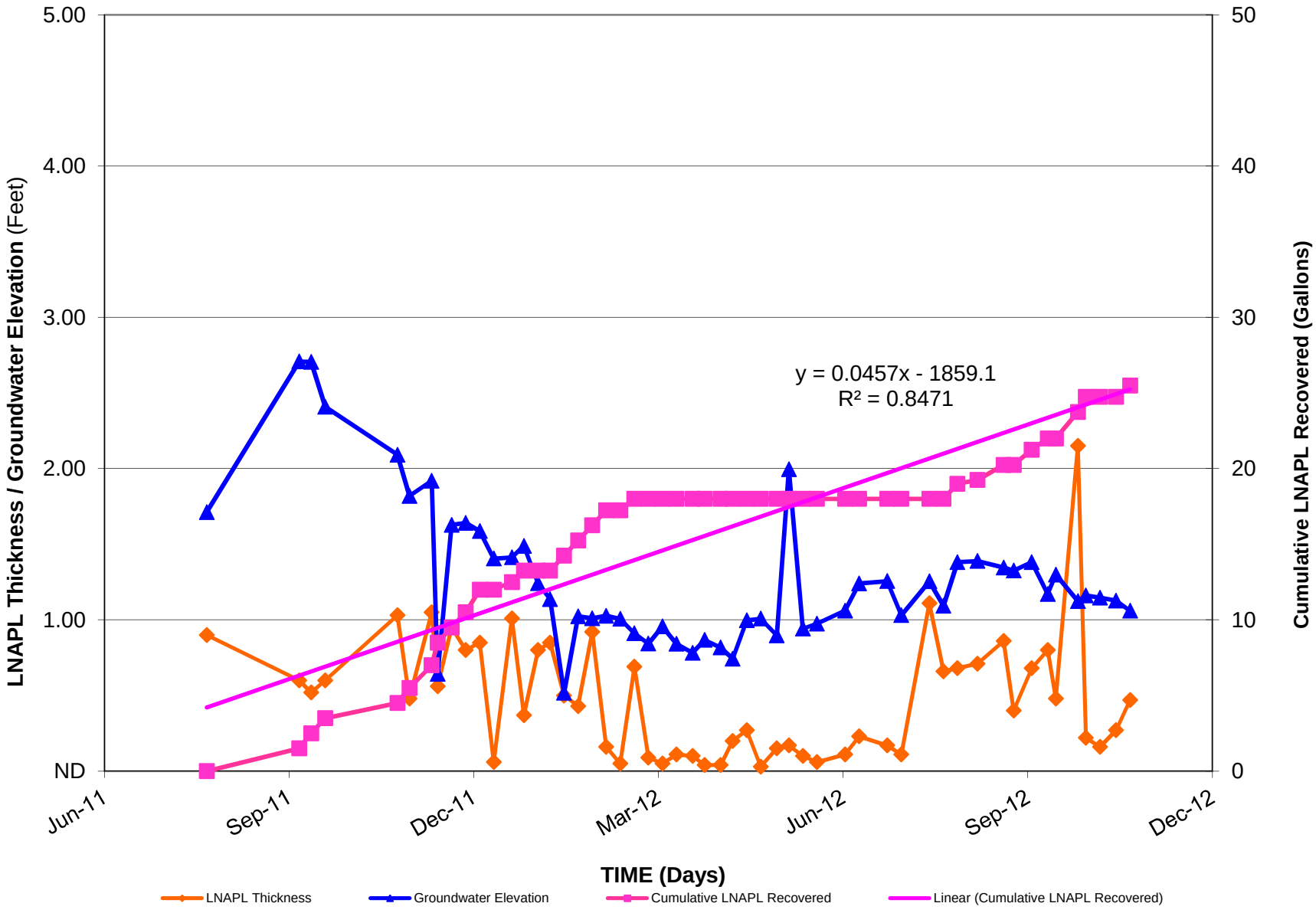


FIGURE 16
LNAPL THICKNESS VERSE TIME - MW-32

Former Pratt Oil Works
Long Island City, New York

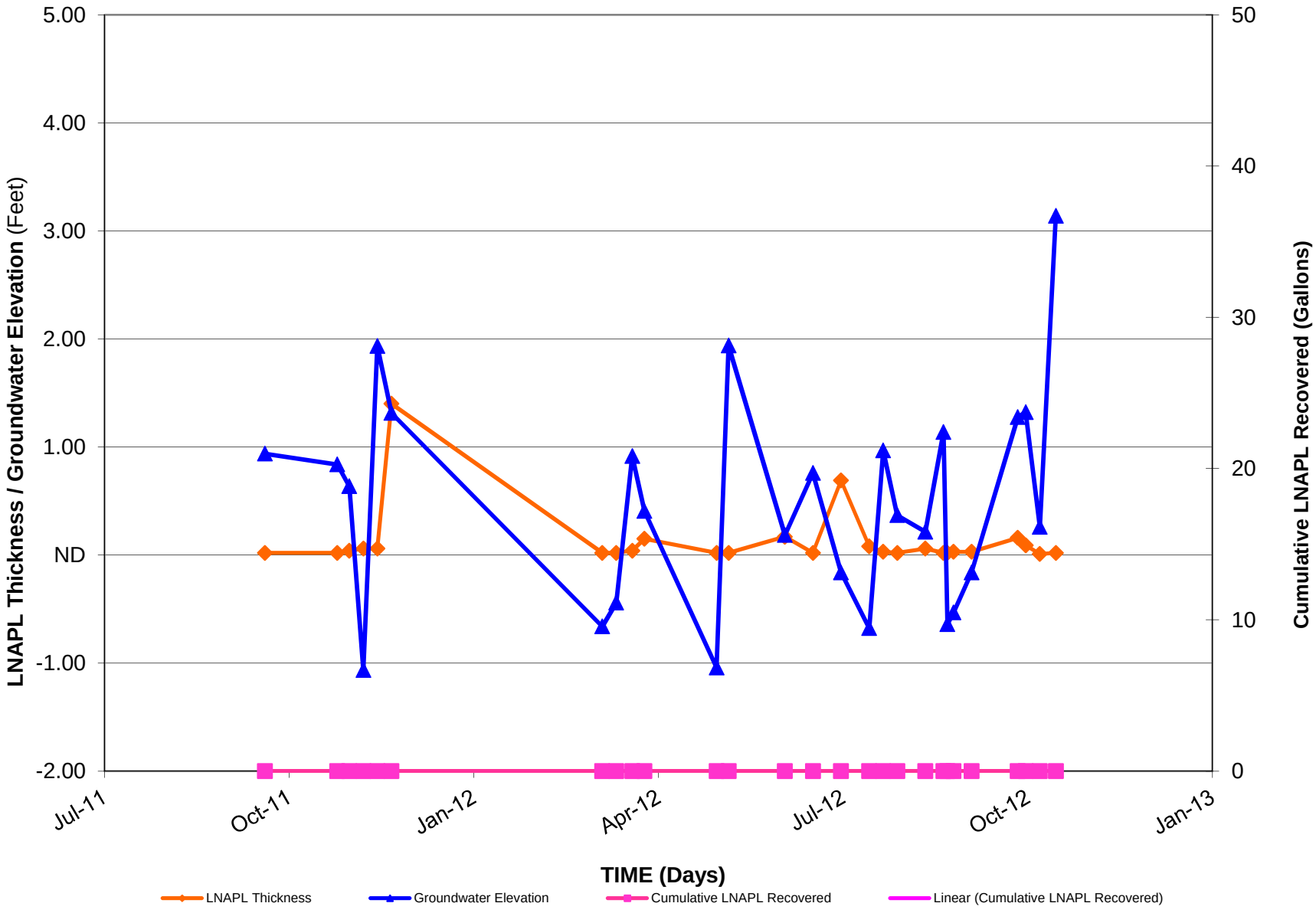


FIGURE 17
LNAPL THICKNESS VERSE TIME - MW-33

Former Pratt Oil Works
Long Island City, New York

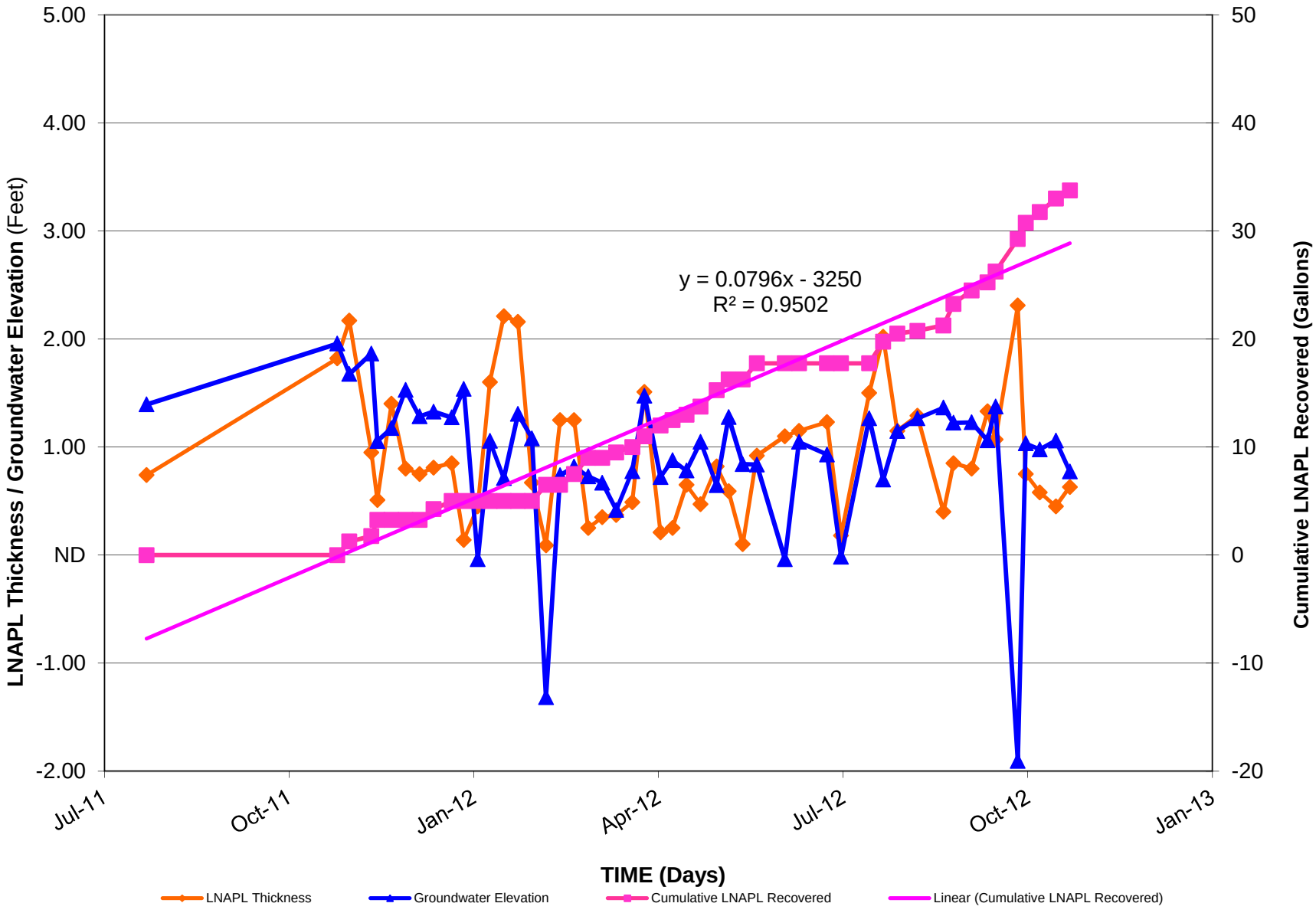


FIGURE 18
LNAPL THICKNESS VERSE TIME - MW-42

Former Pratt Oil Works
Long Island City, New York

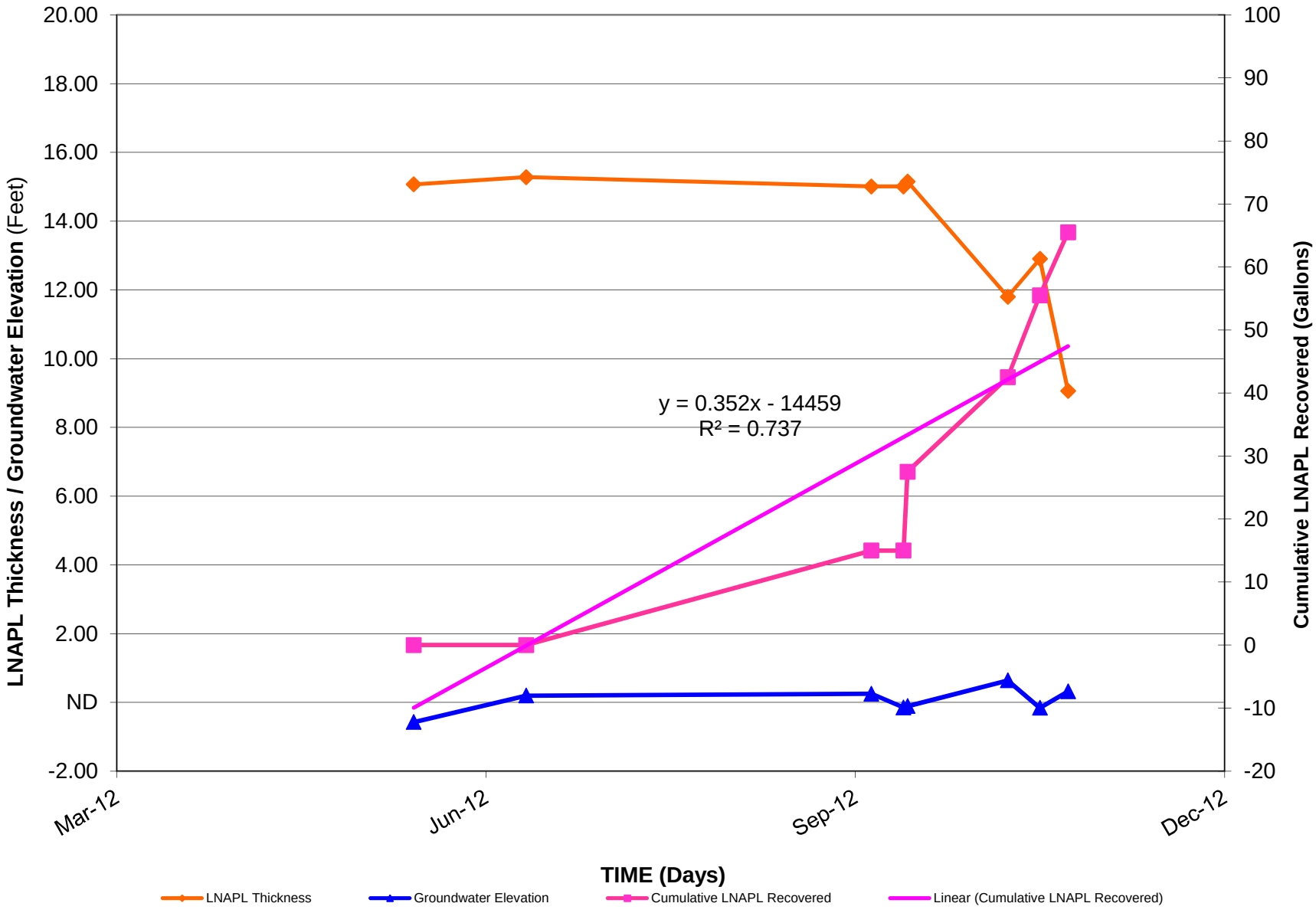


FIGURE 19
LNAPL THICKNESS VERSE TIME - MW-48S

Former Pratt Oil Works
Long Island City, New York

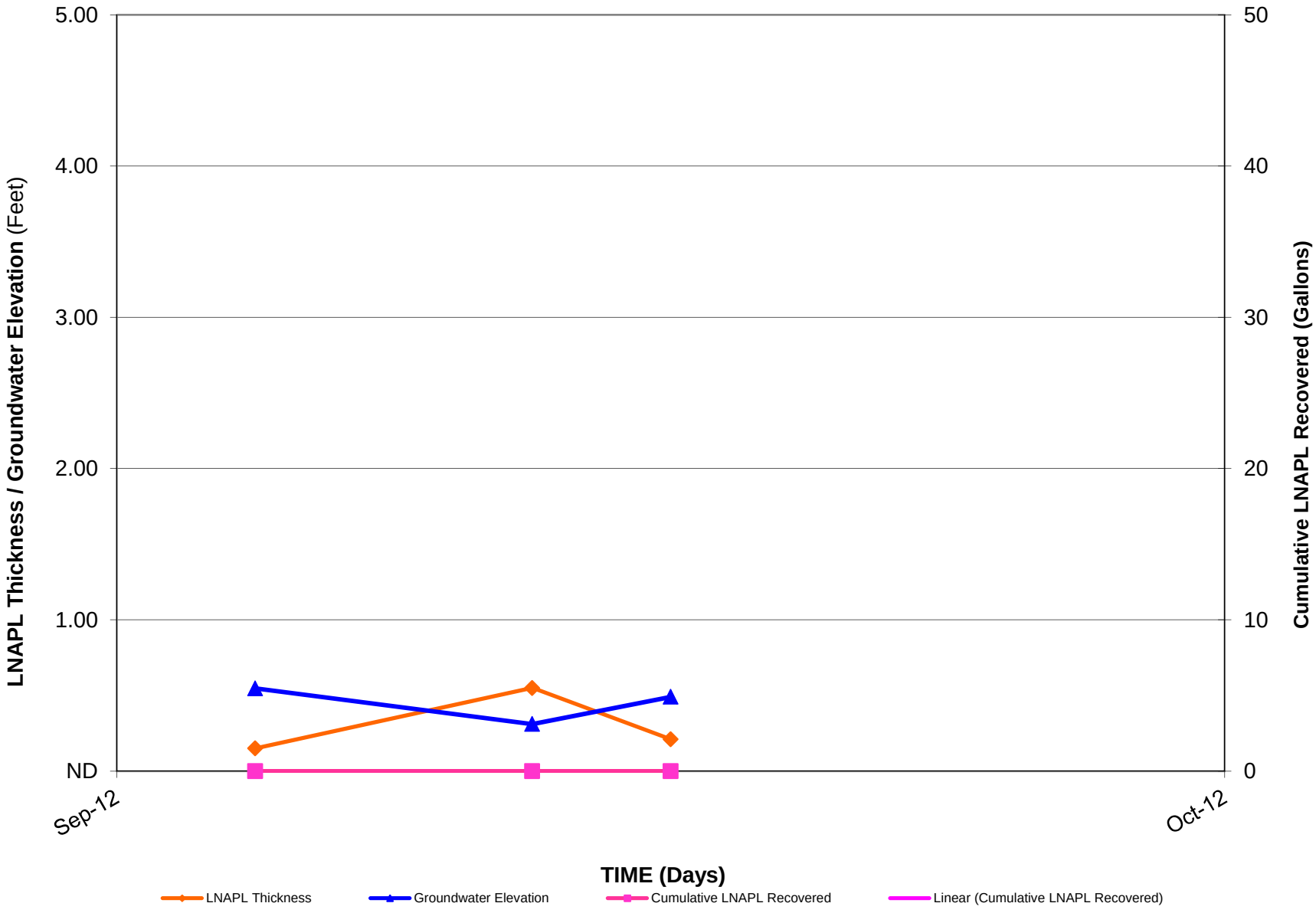


FIGURE 20
LNAPL THICKNESS VERSE TIME - MW-48D

Former Pratt Oil Works
Long Island City, New York

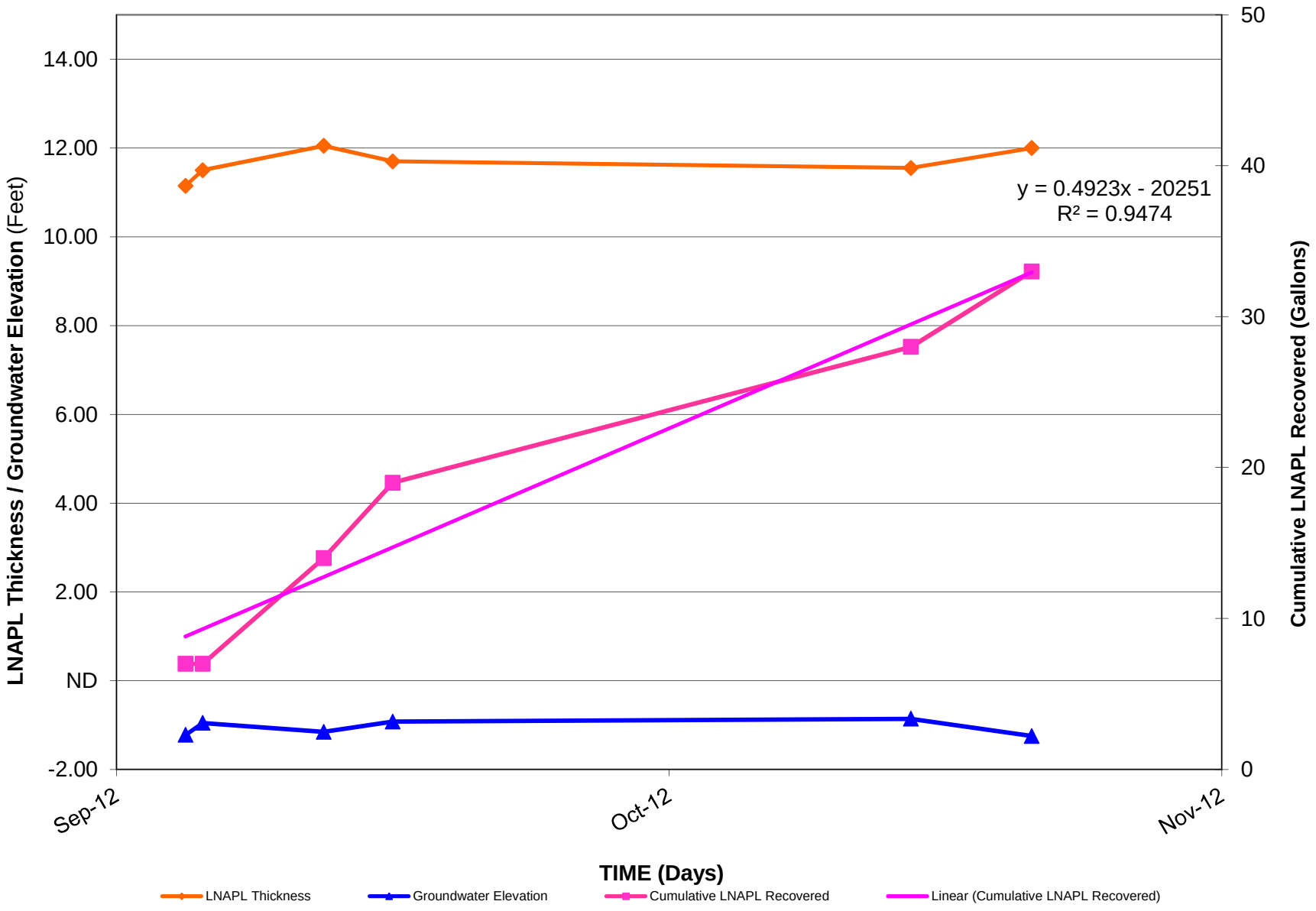


FIGURE 21
LNAPL THICKNESS VERSE TIME - MW-49S

Former Pratt Oil Works
Long Island City, New York

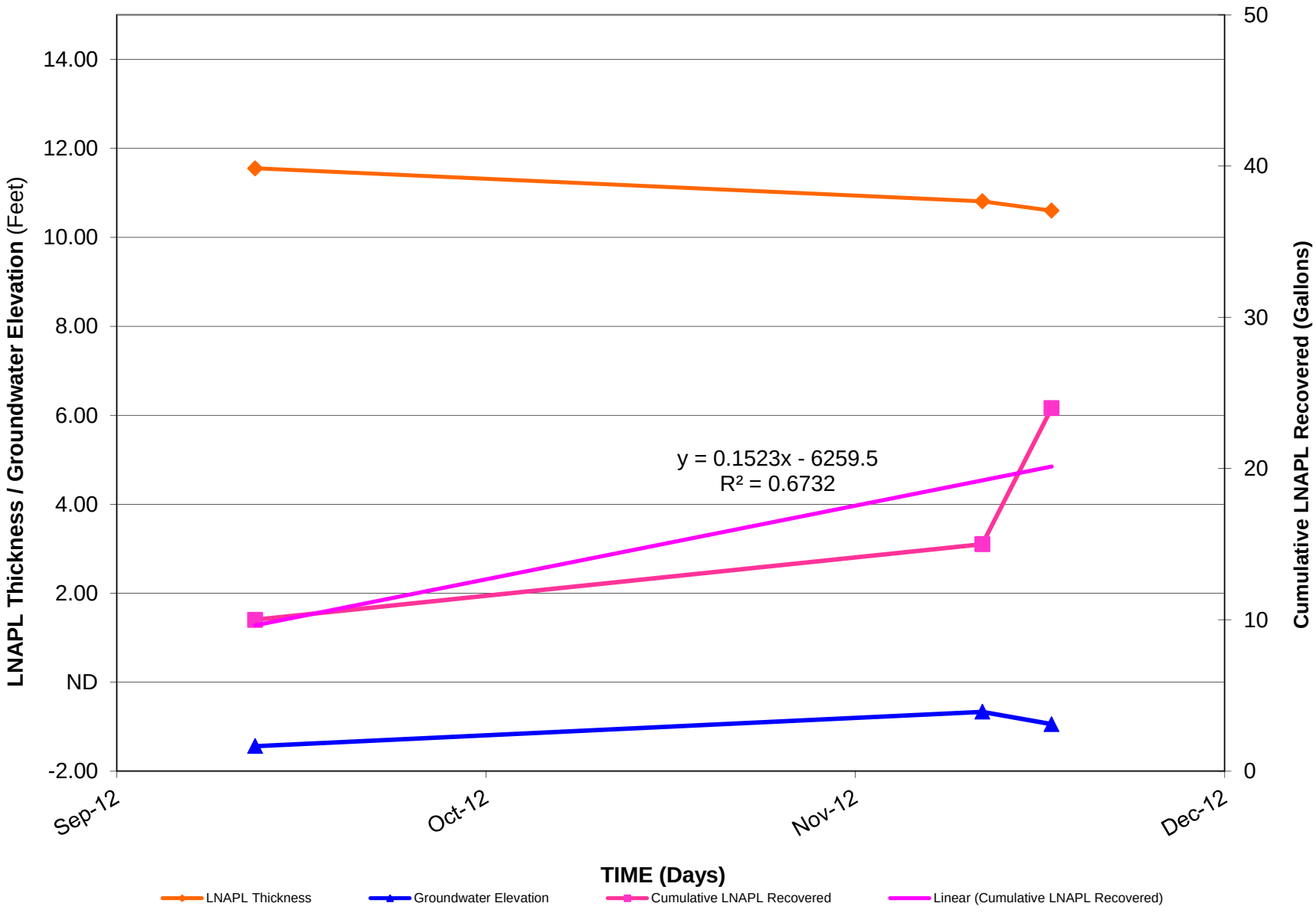


FIGURE 22
LNAPL THICKNESS VERSE TIME - MW-49M

Former Pratt Oil Works
Long Island City, New York

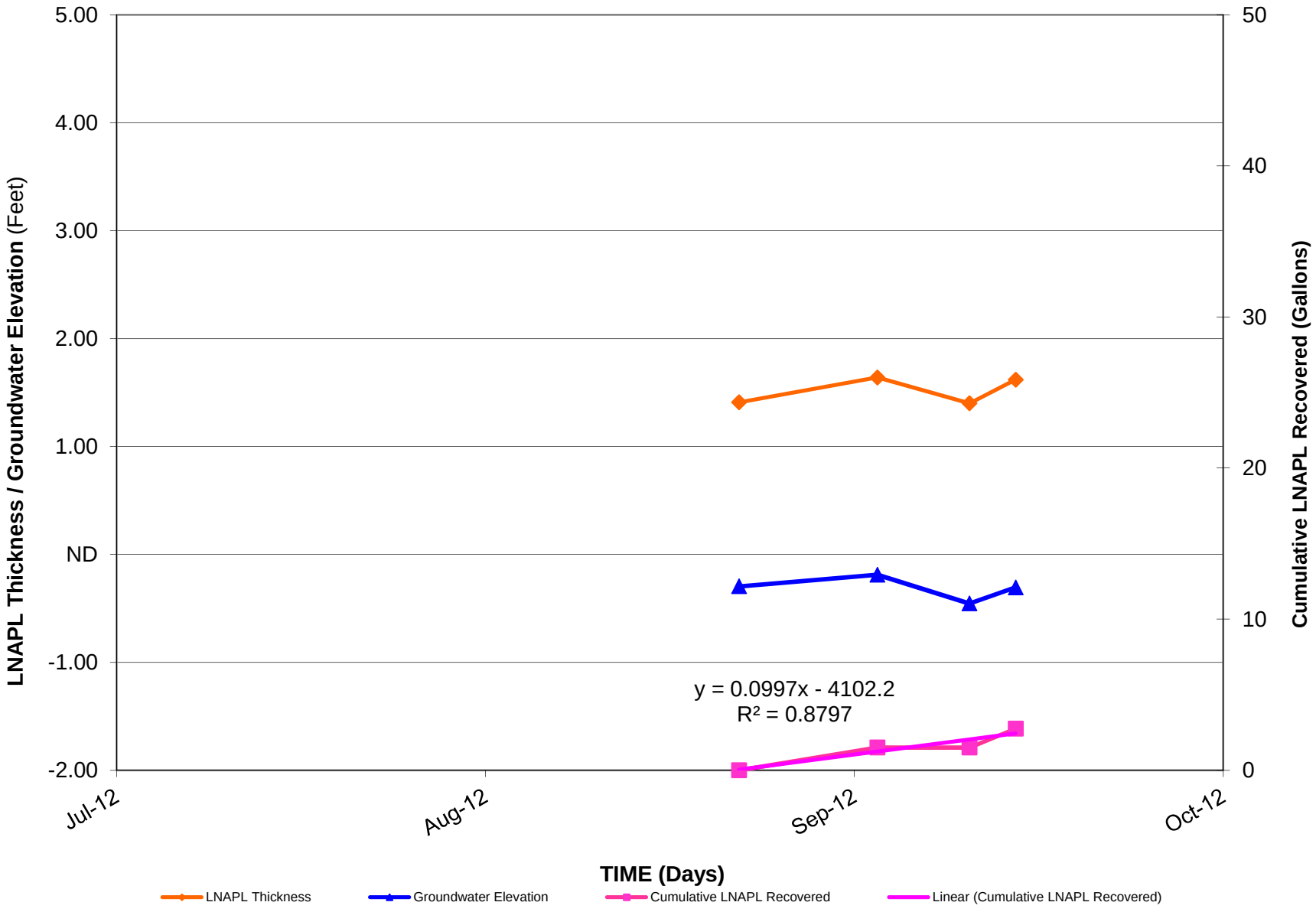


FIGURE 23
LNAPL THICKNESS VERSE TIME - MW-50

Former Pratt Oil Works
Long Island City, New York

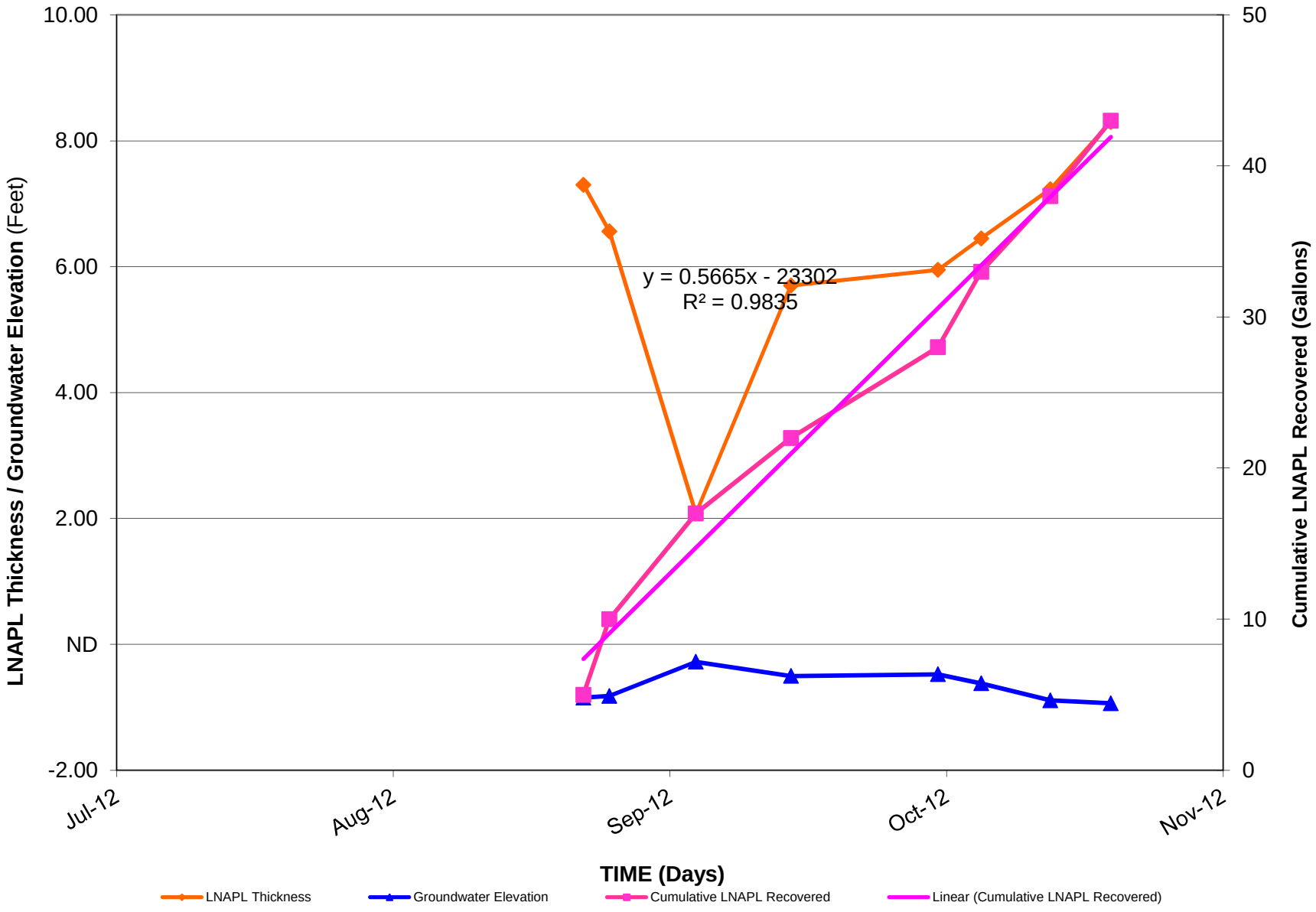


FIGURE 24
LNAPL THICKNESS VERSE TIME - MW-51

Former Pratt Oil Works
Long Island City, New York

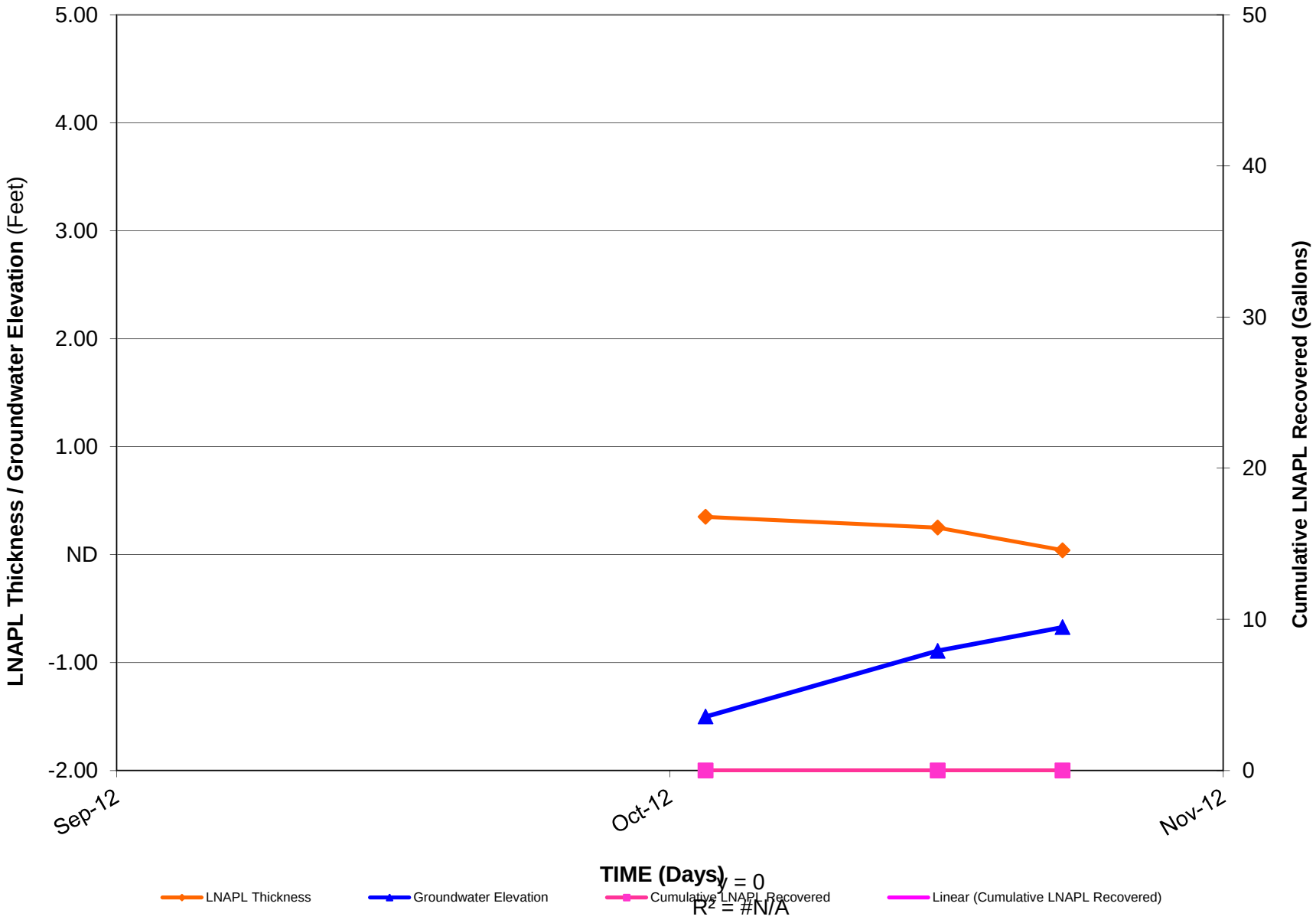


FIGURE 25
LNAPL THICKNESS VERSE TIME - MW-65

Former Pratt Oil Works
Long Island City, New York

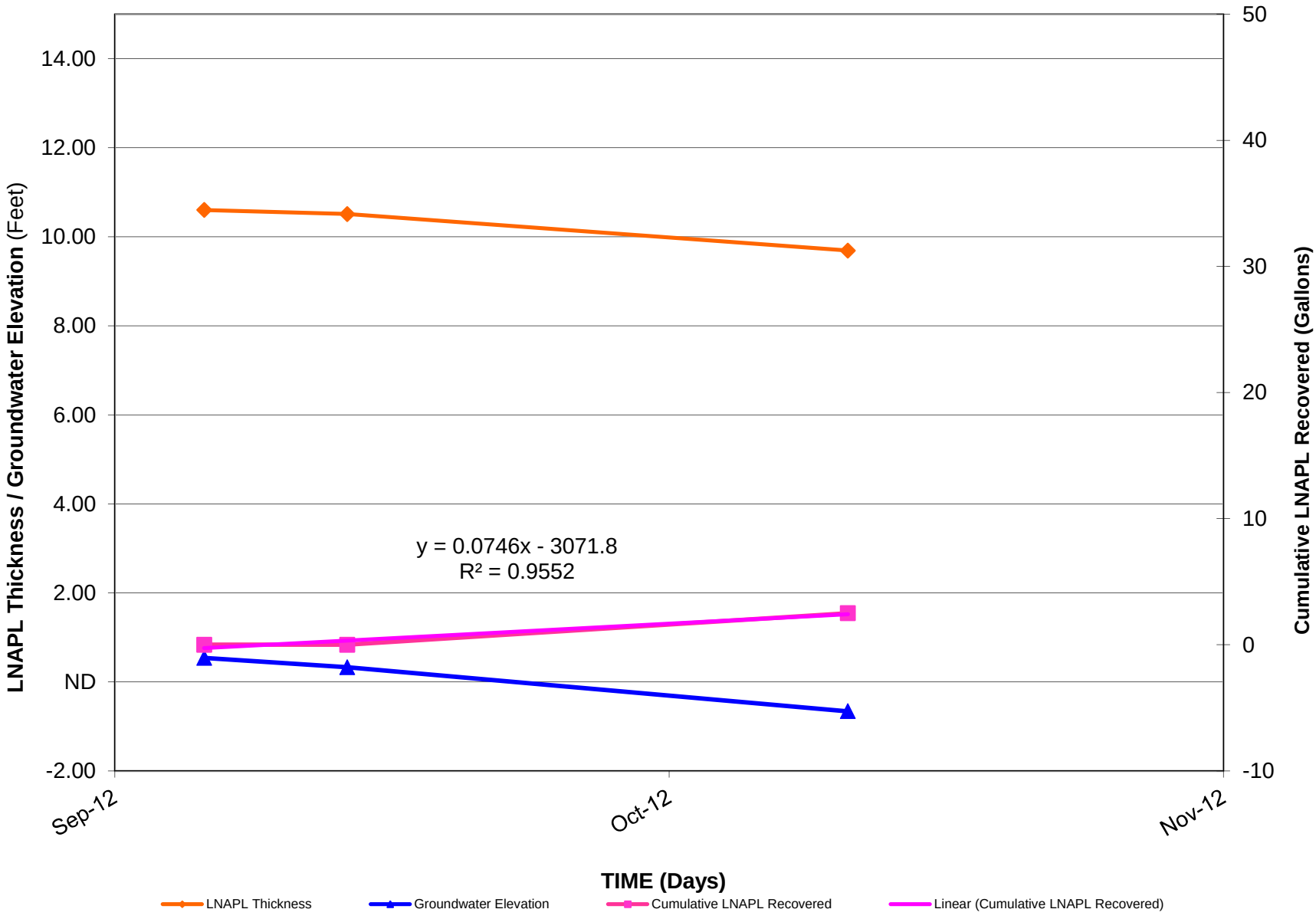


FIGURE 26
LNAPL THICKNESS VERSE TIME - MW-66

Former Pratt Oil Works
Long Island City, New York