

Mr. Michael Haggerty
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

Subject:

Site Status Update Report
Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York
NYSDEC Case No. 07-51061

Dear Mr. Haggerty:

Attached please find the Site Status Update Report (SSUR) for the above-referenced site prepared by ARCADIS of New York, Inc. (ARCADIS) for Alliance Energy, LLC (Alliance), which summarizes the activities completed from March 2015 through May 2015.

If you have any questions or require additional information, please contact ARCADIS.

Sincerely,

ARCADIS of New York, Inc.



Jerome Oertling
AFS Project Manager 5

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ENVIRONMENTAL

Date:

September 8, 2015

Contact:

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Phone:

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Our ref:

B0085849.2827

Alliance Energy, LLC

Site Status Update Report

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York
NYSDEC Case No. 07-51061
Order on Consent No. 07-51061SWO

September 2015



A handwritten signature in blue ink, reading "Jacqueline Giblin".

Jacqueline Giblin
Environmental Scientist II

A handwritten signature in blue ink, reading "Jerome Oertling".

Jerome Oertling
AFS Project Manager 5

Site Status Update Report

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
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NYSDEC Case No. 07-51061

Prepared for:
Alliance Energy, LLC

Prepared by:
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Site Address:	Regulatory Agency:	NYSDEC Region 2
Mobil Branded Service Station #12827 (17-QDM)	Regulatory Contact:	Mr. Michael Haggerty
150-54 West 145 th Street	NYSDEC Case No.:	07-51061
New York, New York		

Consultant: ARCADIS
Project Manager: Jerome Oertling

Report Date: September 2015
Current Site Status: Active Mobil Branded Service Station
Monitoring Period: March 2015 through May 2015

Work Performed

Groundwater monitoring was conducted on May 12, 2015 at the above-mentioned site. During this event, a total of 18 monitoring wells were gauged and groundwater samples were collected from 12 monitoring wells. Monitoring wells MW-19, MW-21, MW-22, MW-24, MW-25, and MW-26 were gauged only. MW-27 was not gauged or sampled, as it could not be located. Monitoring wells MW-28 through MW-30 were not gauged, as they are located in a crawl space underneath the building located on the adjacent property. Monitoring wells MW-28, MW-29, and MW-30 were dry.

Groundwater Monitoring

- Number of wells: Twenty-six monitoring wells (See Table 1)
- Gauging Frequency: Quarterly (February, May, August, November) (See Table 1)
- Sampling Frequency: Quarterly (February, May, August, November) (See Table 1)
- Reporting Frequency: Quarterly
- Liquid-phase Hydrocarbon (LPH): None detected
- Groundwater Depth: 13.42 feet below ground surface (ft bgs) (MW-25) to 22.24 ft bgs (MW-26) (Table 1).
- Groundwater Flow (Direction Inferred): generally radially outward centered on MW-3 (Figure 2)

- Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX) Concentrations: Below detection limits (BDL) (MW-4, MW-5, MW-7, MW-10, MW-11, and MW-20) to 755 micrograms per liter (µg/L) (MW-6A) (Table 1 and Figure 3).
- Methyl Tertiary Butyl Ether (MTBE) Concentrations: BDL at all wells sampled except MW-20 (0.6 J µg/L) and MW-5 (4 µg/L) (Table 1 and Figure 3).
- Ethanol: BDL in the three wells in which it was analyzed (Figure 3).

Site Specific Geology/Hydrogeology

Previous site investigation activities revealed that overburden from ground surface to approximately 10 ft bgs consists of medium to fine-grained sand, coarse to fine gravel and pulverized rock fragments. Deposits observed from approximately 10 ft bgs to approximately 20 ft bgs consisted predominantly of well-graded coarse to fine-grained sand with some silt, some sub-rounded to rounded fine to coarse gravel and rock fragments. Deposits observed from approximately 20 to 25 ft bgs consisted of silty sand lenses. Underlying the silty sand and extending to the terminal depth of the borings, native deposits consisted of well-graded coarse to fine-grained sand.

Potential Sensitive Receptors

- Land use in the vicinity of the site is mixed residential and commercial properties with basements. Subsurface utilities are located adjacent to the site. A subway tunnel is located within 300 meters of the site, running under Lenox Avenue. There are no public water supply wells in the vicinity of the site.
- Potable water is supplied to the site and surrounding area by the New York City Department of Environmental Protection (NYCDEP) Bureau of Water and Sewer, and the sources of water are the Catskills, Delaware and Croton watershed reservoirs located in upstate New York.

Active/Former Environmental Cases

The following open environmental cases are associated with the subject property:

- New York State Department of Environmental Conservation (NYSDEC) Case No. 07-51061 was opened in November 2007, as a result of liquid-, adsorbed- and dissolved-phase hydrocarbons detected during a Phase II investigation on the adjacent property to the west. NYSDEC Case No. 07-51061 remains open. A Consent Order was executed between ExxonMobil and the NYSDEC on November 16, 2009. The Consent Order is to address petroleum contamination at, arising from, or relating to the property for NYSDEC Case No. 07-51061.

- On September 7, 2010, NYSDEC Case No. 10-06216 was assigned to the site as a result of MTBE detection in monitoring well MW-5. The NYSDEC spills hotline was notified as the result of an August 25, 2010 NYSDEC email which stated that “if ExxonMobil is confident that the MTBE contamination in MW-5 is coming from the Hess station, please call in a spill to our hotline, reference the Mobil Station’s Spill number and state your case.” Based on the location of the gasoline distribution system, the previous work conducted on site, and groundwater flow direction to the west-northwest, the MTBE concentrations detected in MW-5 are the result of an off-site source. The liability of this case on the property has been transferred to the Hess Station, which is located immediately northeast of the property. No other additional information is available regarding this case.

The following closed environmental cases are associated with the subject property:

- As a result of the findings of the Phase II investigation conducted at the adjacent property (2495 Adam Clayton Powell Jr. Boulevard), NYSDEC Case No. 07-06608 was opened on September 13, 2007 and later closed on March 5, 2009.
- NYSDEC Case No. 08-06417 was opened when contaminated soil was discovered during a subsurface investigation in September 2008. The subsurface investigation was completed on the western portion of the property. This case was subsequently closed on January 26, 2009.
- LPH was detected in monitoring well MW-17 (0.05 feet), located on the adjacent property (2495 Adam Clayton Powell Jr. Boulevard). The NYSDEC was notified and NYSDEC Case No. 08-12062 was assigned to the site on February 5, 2009, and subsequently closed on February 6, 2009.
- NYSDEC Case No. 09-01535 was assigned during removal of a 1,000-gallon used oil underground storage tank (UST). This case was closed on September 28, 2009.

Remedial Activities

- An interim remedial measure (IRM) LPH recovery system operated on site between November 4, 2008 and January 23, 2009, recovering approximately 622 gallons of LPH from monitoring wells MW-6, MW-10, and MW-11.
- A total of 2,260 tons of soil was excavated and removed from the site as part of an IRM between January and April 2009.
- To address the LPH at the site, a passive recovery bailer was installed in MW-18 on January 6, 2010. The passive bailer was set within the screened portion centered at the LPH groundwater interface.

However, the passive bailer was removed upon NYSDEC's request in July 2011, to determine whether the soil vapor extraction/air sparge (SVE/AS) system provided coverage to MW-18.

- A vapor abatement system (VAS) had been installed and operated as an IRM to address the vapor impacts on an adjacent property until the full-scale SVE/AS system was operable. As summarized earlier, a VAS connected to SVE points SVE-9 and SVE-10, located beneath the adjacent property, was started on March 5, 2010. Kleinfelder East, Inc. (Kleinfelder) had to shut down the VAS in October 2010 due to low voltage from the power source. Kleinfelder later coordinated an electrical service drop at the site, which was sufficient enough to operate both the VAS and SVE/AS system simultaneously. The VAS was re-started on April 20, 2011. However, after communication with NYSDEC, the VAS was permanently shut down on June 24, 2011, when the full-scale SVE/AS system was put into operation.

Recent Site Activities

On May 12, 2015, a total of 18 monitoring wells were gauged and 12 monitoring wells were sampled. Following NYSDEC's approval in September 2012, monitoring wells MW-19, MW-21, MW-22, MW-24, MW-25, MW-26, MW-31, MW-32, MW-34, and MW-35 were removed from the sampling network. Monitoring well MW-27 could not be located and was not gauged or sampled. Monitoring wells MW-28, MW-29, and MW-30 were not sampled as they were dry. Following NYSDEC's approval on May 28, 2013, ethanol was only analyzed in wells MW-2, MW-3, and MW-5.

Monitoring well gauging and groundwater analytical data are provided in Table 1. Laboratory analytical data is included as Appendix A. BTEX concentration graphs at selected monitoring wells are provided as Figures 4 through 12.

The following observations are noted from the May 2015 monitoring event:

- Concentrations of BTEX constituents were below NYSDEC Water Quality Standards (WQS) in seven (MW-3, MW-4, MW-5, MW-7, MW-10, MW-11, and MW-20) of the twelve monitoring wells sampled.
- MTBE was below the NYSDEC guidance value in all 12 of the monitoring wells sampled.
- Ethanol was below detection limits in the three monitoring wells from which it was analyzed.

Status of Remediation System

ARCADIS received approval from NYSDEC to temporarily take the SVE/AS system offline until after the August 2013 groundwater sampling event was conducted, for rebound evaluation. Following the review of the August 2013 groundwater laboratory analytical data and September 2013 operation and maintenance

(O&M) data, and the absence of an indication of rebound, ARCADIS requested permission from NYSDEC to temporarily suspend the SVE/AS system for another quarter for further rebound evaluation. ARCADIS received approval from NYSDEC via email correspondence on October 2, 2013. The system was taken offline on October 8, 2013. The November 18, 2013 groundwater laboratory analytical data indicated that total BTEX concentrations in on-site wells were well below concentrations measured prior to startup of the SVE/AS system. Hence, ARCADIS proposed to keep the system offline until receipt of the February 2014 quarterly groundwater sampling data, so that an evaluation could be made to determine the need for a system restart. Following receipt of February 2014 data, ARCADIS contacted NYSDEC via email correspondence on March 20, 2014 and requested to keep the system offline as the concentrations did not warrant system operation. Long-term data to date shows generally decreasing trends. Hence the system remains offline to date.

Recommendations

Due to decreasing groundwater concentration trends, ARCADIS requests the quarterly sampling schedule be reduced to semiannual, with monitoring wells being gauged and sampled in the months of May and November. ARCADIS also requests that only monitoring wells MW-1, MW-2, MW-6A, and MW-9A be gauged and sampled during the semiannual sampling months.

Based on current BTEX concentrations (Figure 3), historic data (Figures 4-10, Table 1), and past remediation efforts detailed above, ARCADIS believes petroleum impacts on and off site have been remediated to the extent feasible. ARCADIS respectfully requests closure of spill number 07-51061.

Upcoming Activities

Pending NYSDEC's approval of the reduced monitoring well sampling schedule, the next monitoring well sampling event will be scheduled for November 2015.

Attachments:

Figure 1: Site Location Map

Figure 2: Groundwater Contour Map – May 12, 2015

Figure 3: Groundwater Analytical Map – May 12, 2015

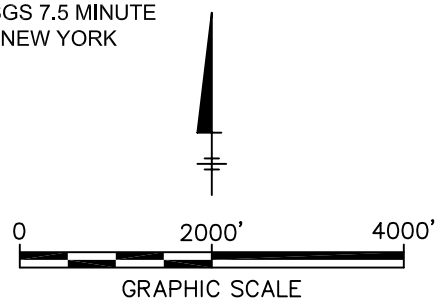
Figures 4 through 12: BTEX Trend Graphs

Table 1: Monitoring Well Gauging and Groundwater Analytical Data

Appendix A: Laboratory Analytical Report – Groundwater



REFERENCE: TOPOI, USGS 7.5 MINUTE
 QUAD: CENTRAL PARK, NEW YORK
 DATED: 1999

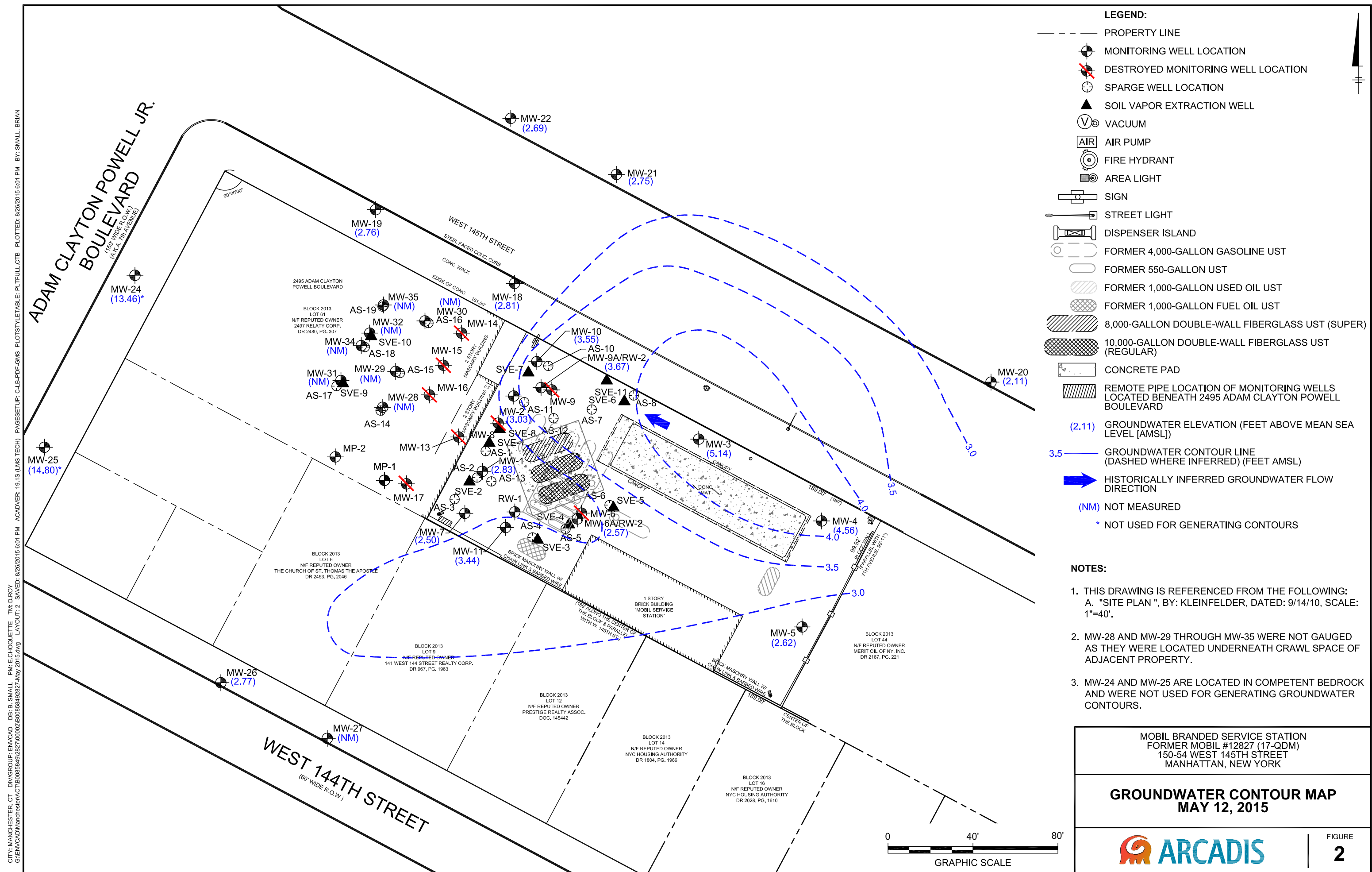


MOBIL BRANDED SERVICE STATION
 FORMER MOBIL #12827 (17-QDM)
 150-54 WEST 145TH STREET
 MANHATTAN, NEW YORK

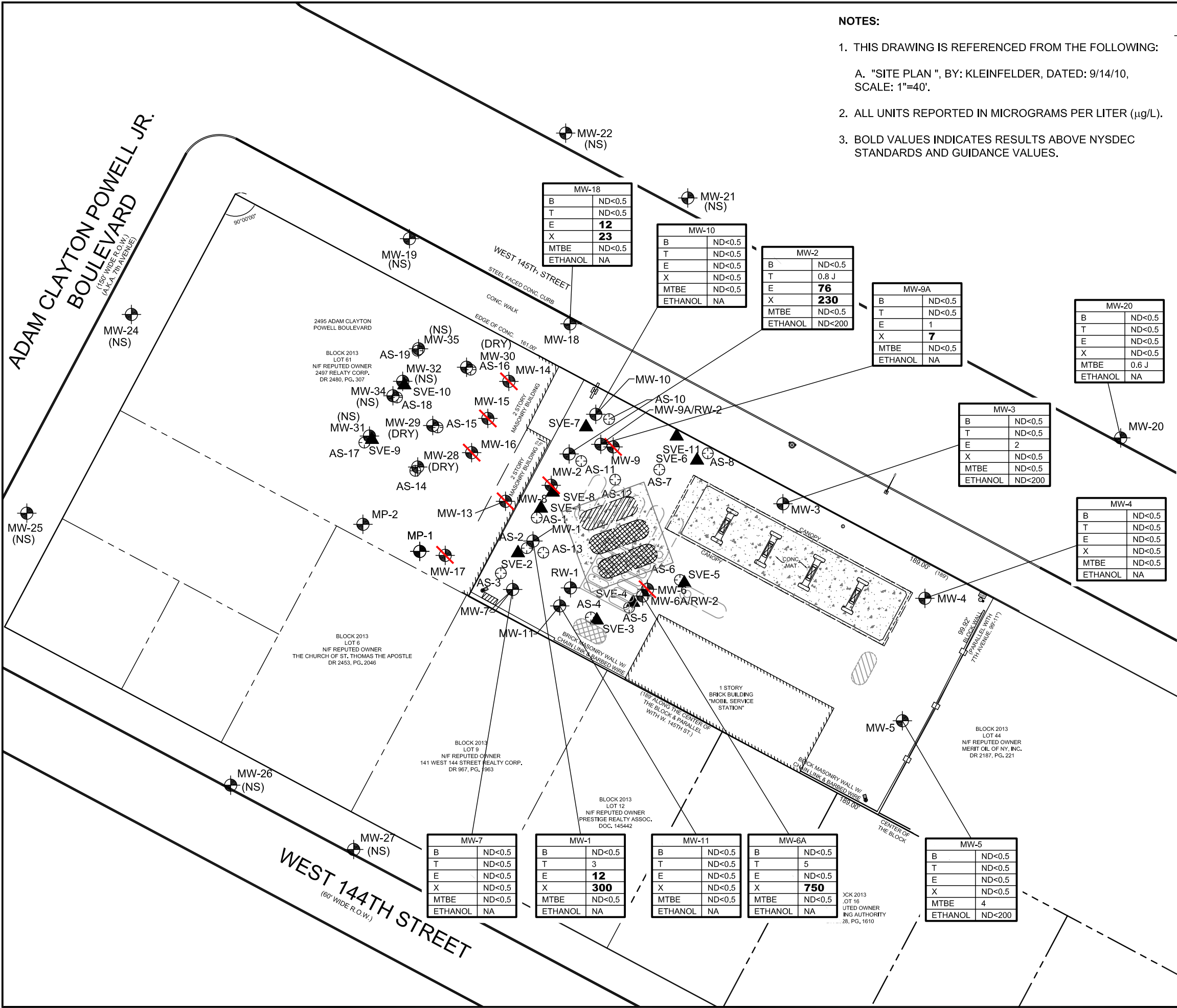
SITE LOCATION MAP



FIGURE
1



CITY: MANCHESTER, CT DIV/GROUP: ENV/CAD DB: B. SMALL PW: E. CHOQUETTE TM: D. ROY
G:\ENV\CAD\Manchest\ACT\180065849\2827\00002\B0085849\2827-May-2015.dwg LAYOUT: 3 SAVED: 8/26/2015 6:07 PM ACADVER: 19.1S (LMS TECH) PAGES: 19.1S (LMS TECH) PLOTSTYLE: PLT\FULL.CTB PLOTTED: 8/28/2015 3:33 PM BY: SMALL, BRIAN

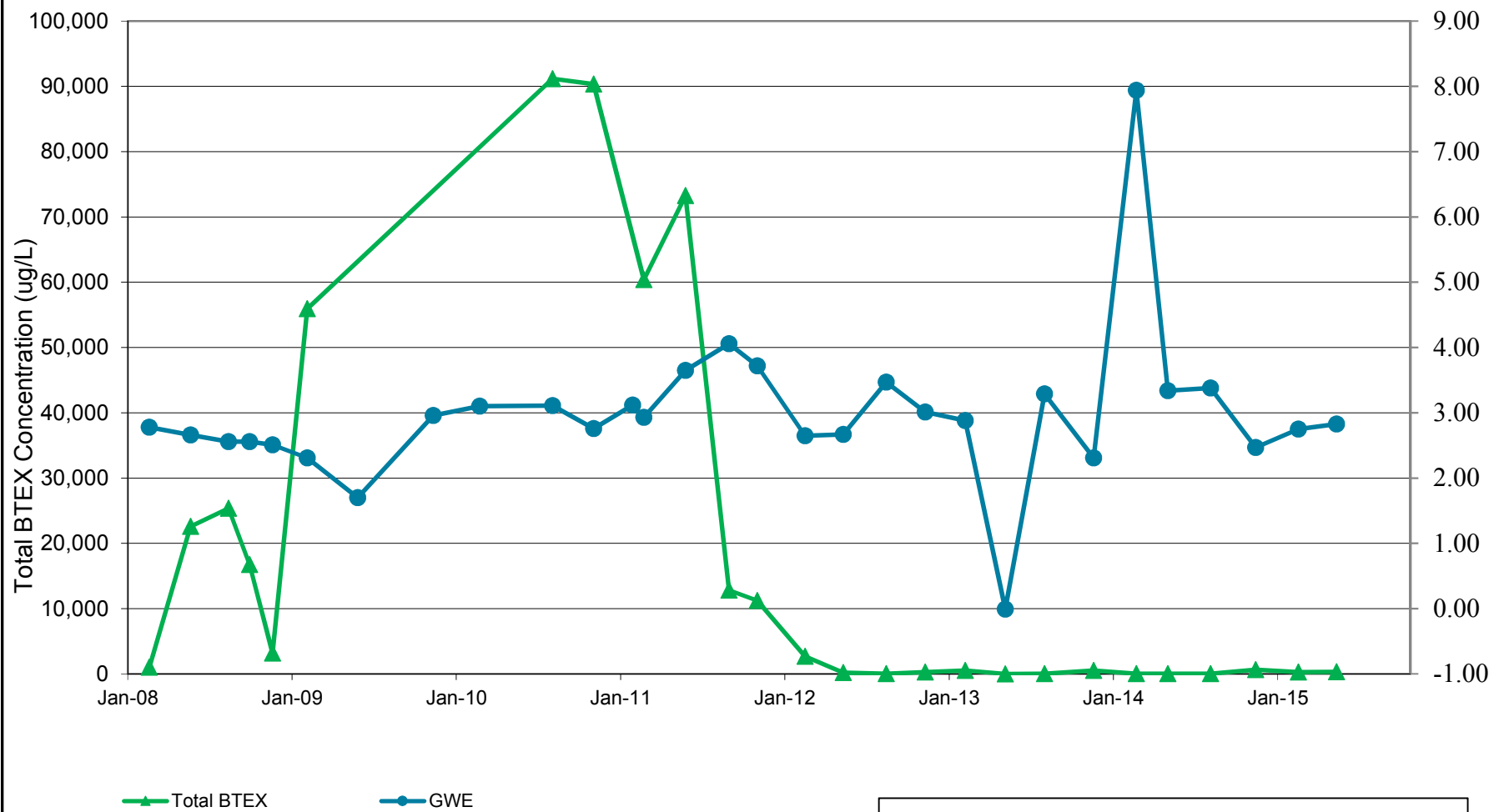


MOBIL BRANDED SERVICE STATION
FORMER MOBIL #12827 (17-QDM)
150-54 WEST 145TH STREET
MANHATTAN, NEW YORK

**GROUNDWATER ANALYTICAL MAP
MAY 12, 2015**

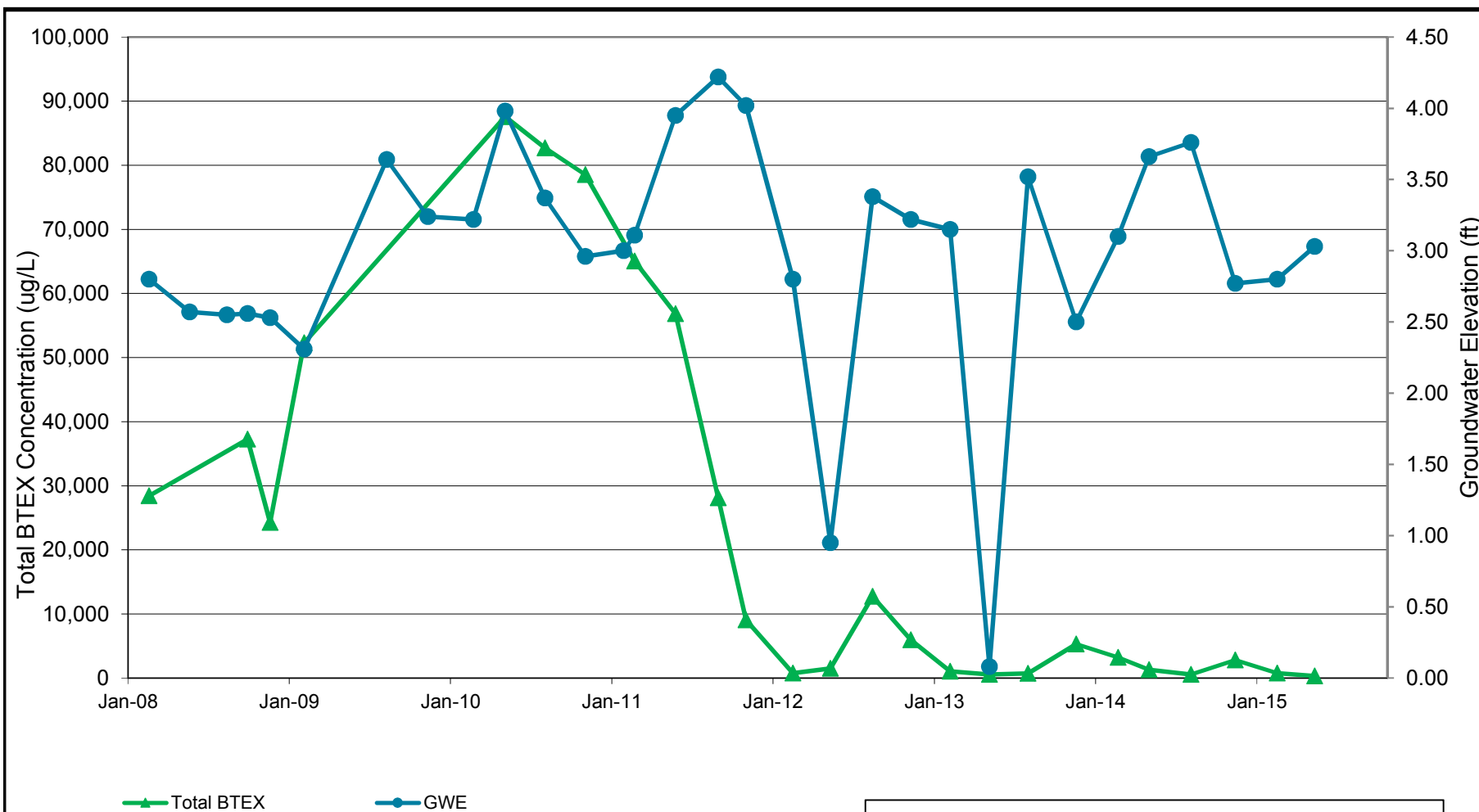
ARCADIS

FIGURE
3



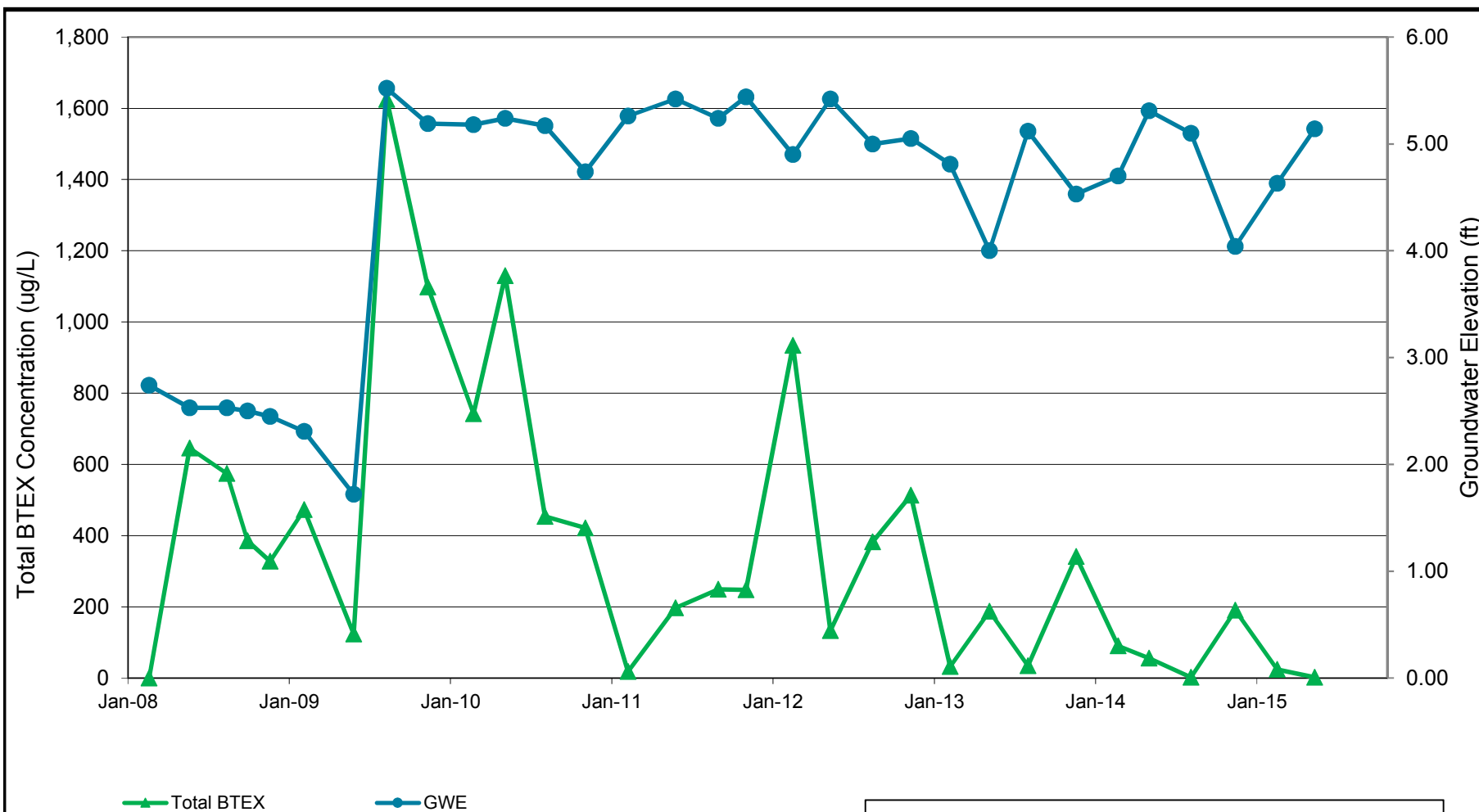
1. Half of detection limit used when results were below laboratory detection limit.

Figure 4. Location: MW-1
Total BTEX Concentration vs. Groundwater Elevation
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York



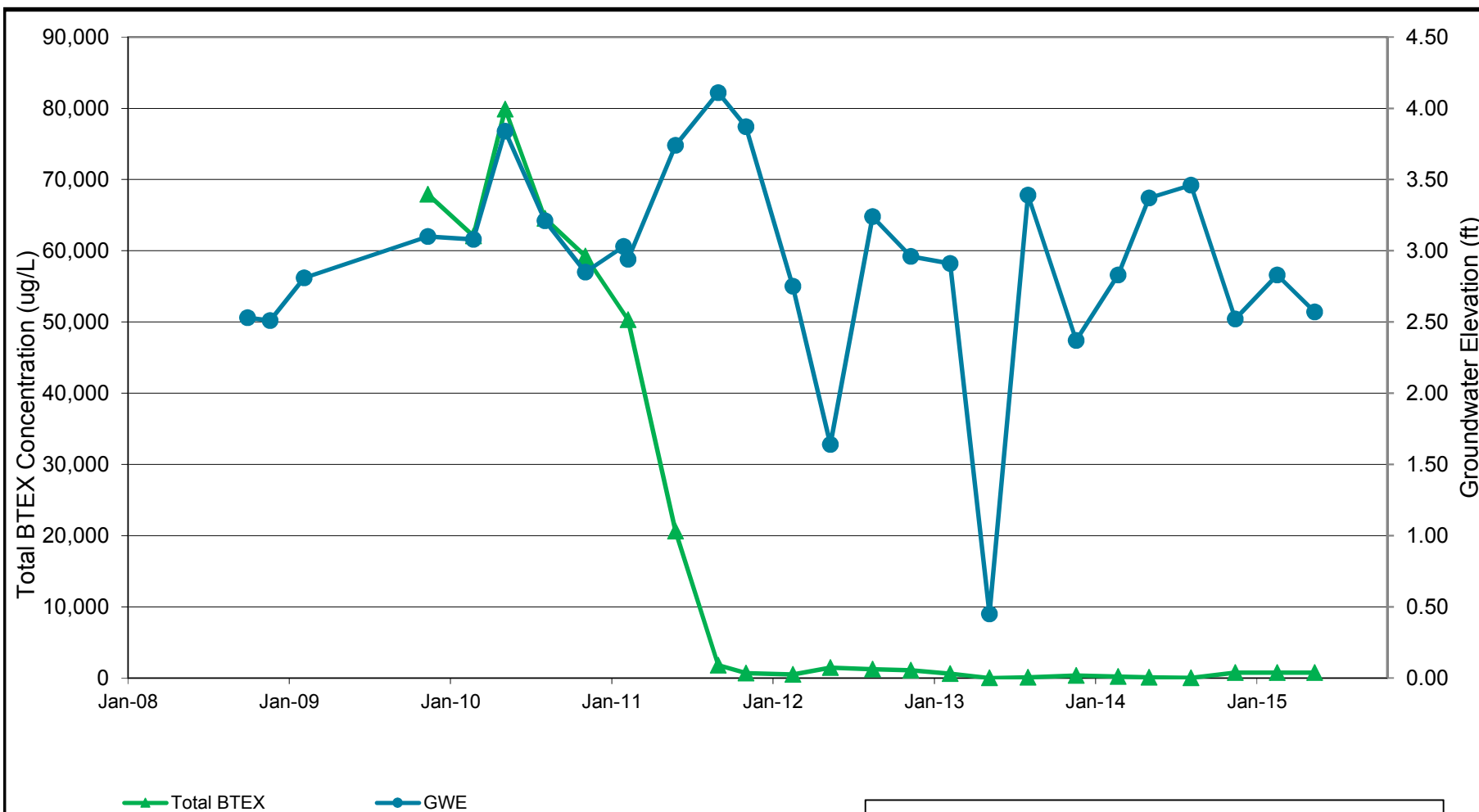
1. Half of detection limit used when results were below laboratory detection limit.

Figure 5. Location: MW-2
Total BTEX Concentration vs. Groundwater Elevation
 Former Mobil #12827 (17-QDM)
 150-54 West 145th Street
 New York, New York



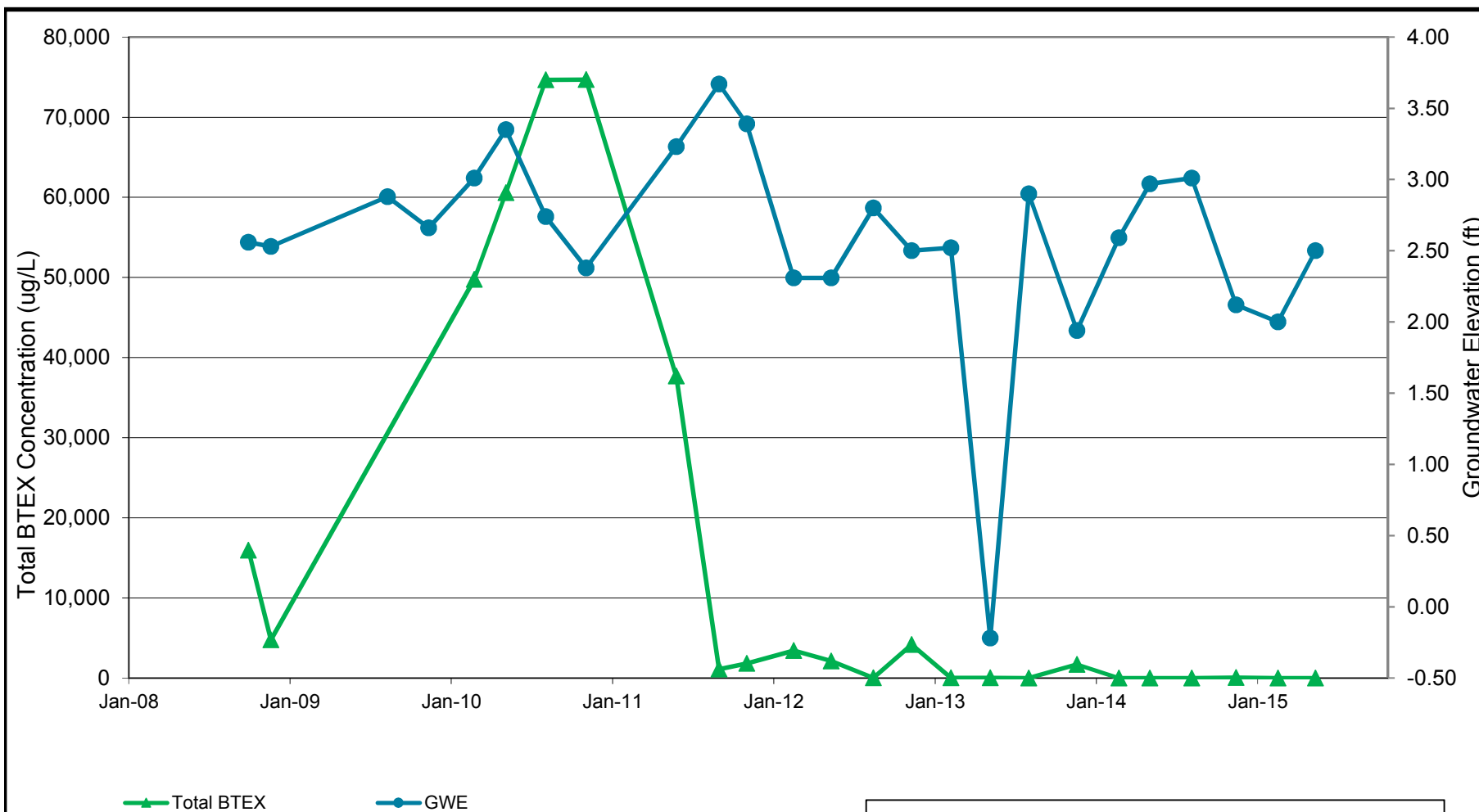
1. Half of detection limit used when results were below laboratory detection limit.

Figure 6. Location: MW-3
Total BTEX Concentration vs. Groundwater Elevation
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York



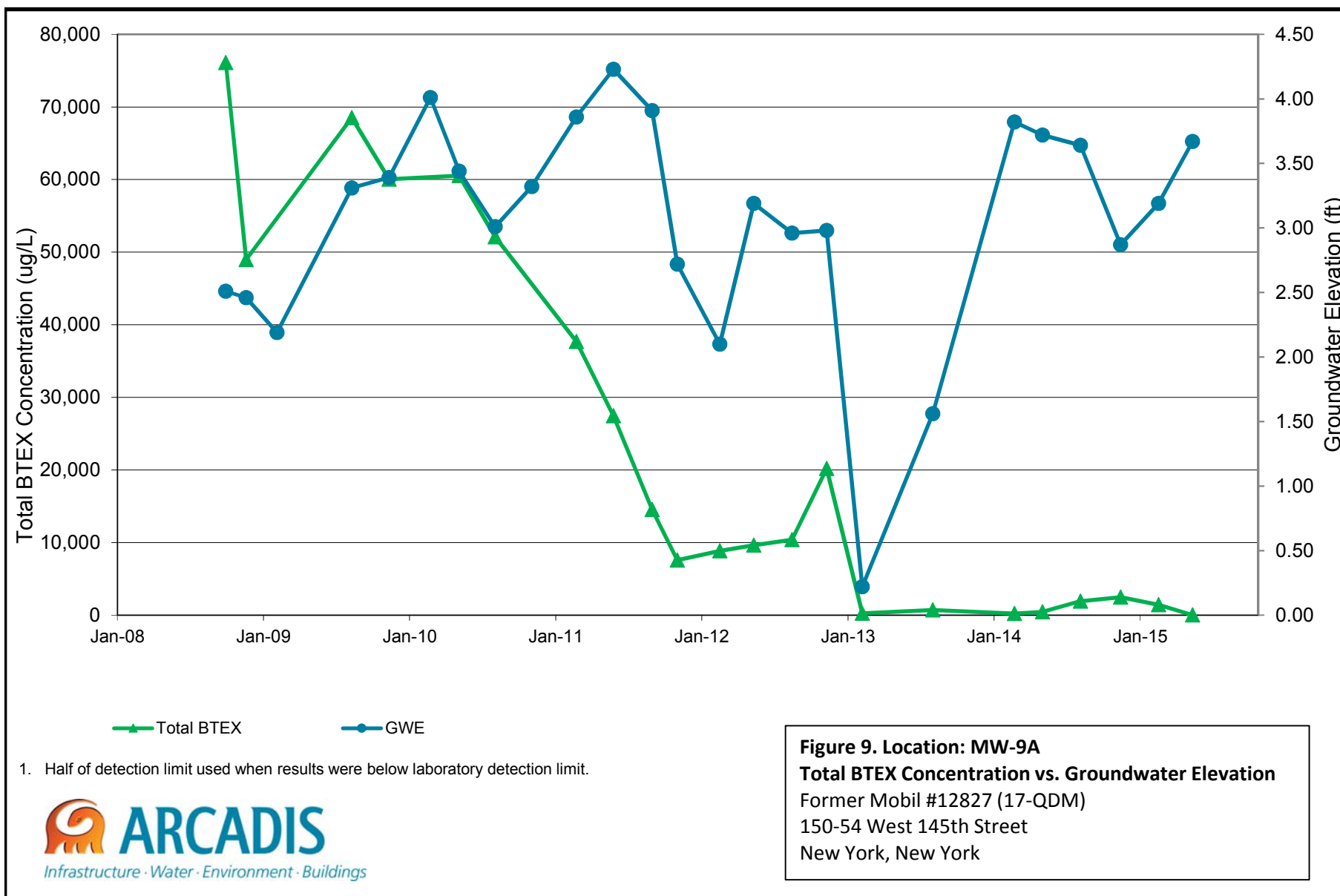
1. Half of detection limit used when results were below laboratory detection limit.

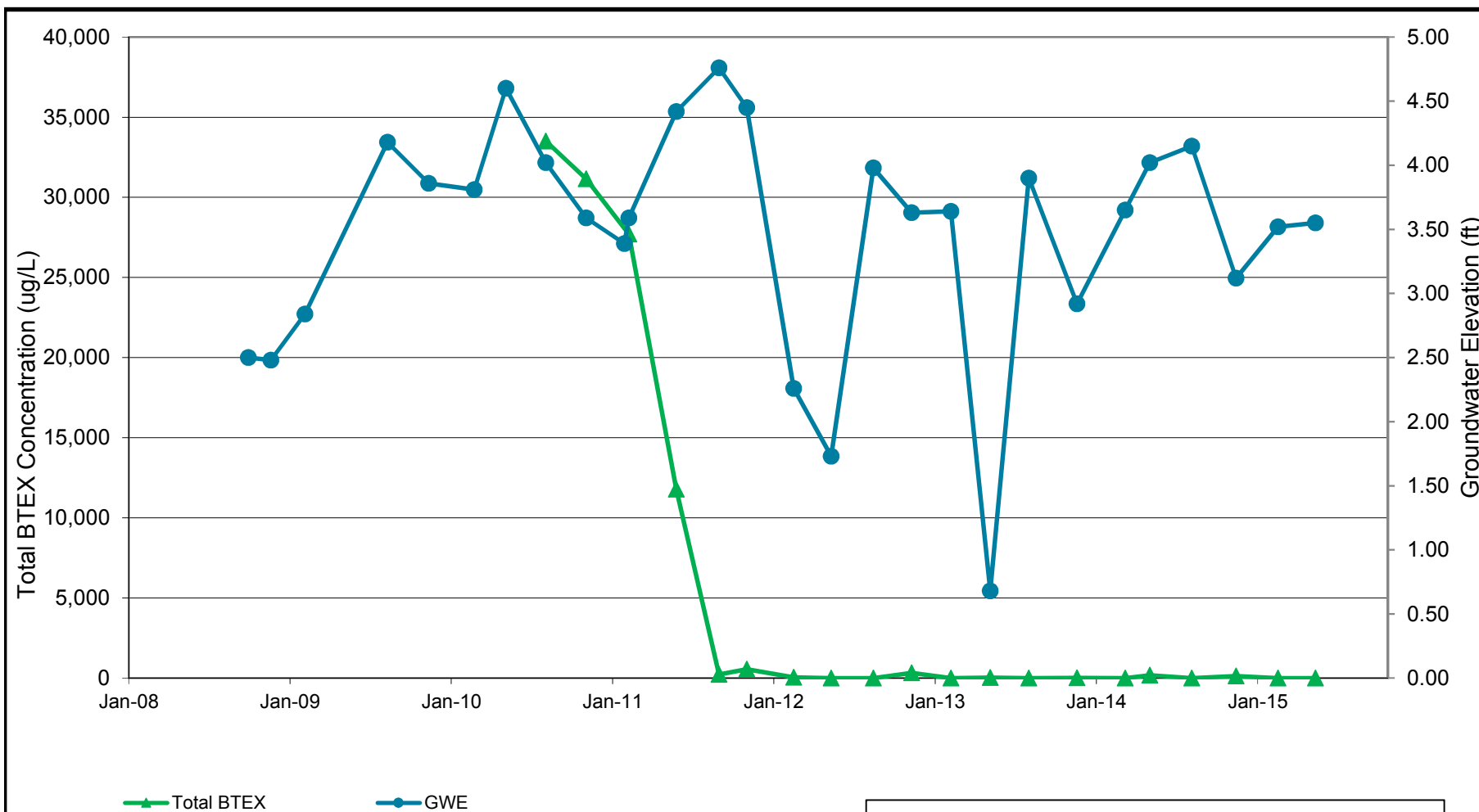
Figure 7. Location: MW-6A
Total BTEX Concentration vs. Groundwater Elevation
 Former Mobil #12827 (17-QDM)
 150-54 West 145th Street
 New York, New York



1. Half of detection limit used when results were below laboratory detection limit.

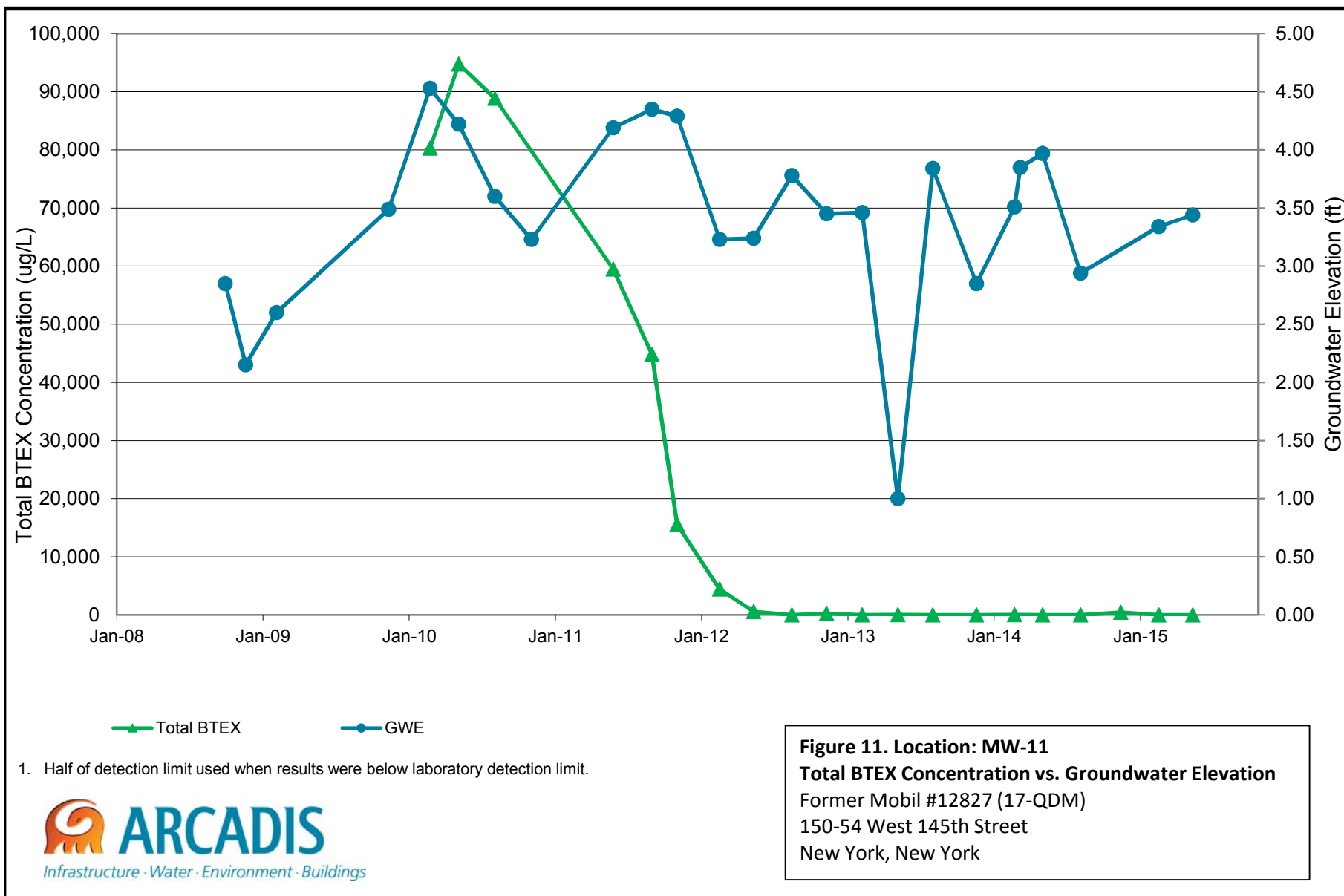
Figure 8. Location: MW-7
Total BTEX Concentration vs. Groundwater Elevation
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

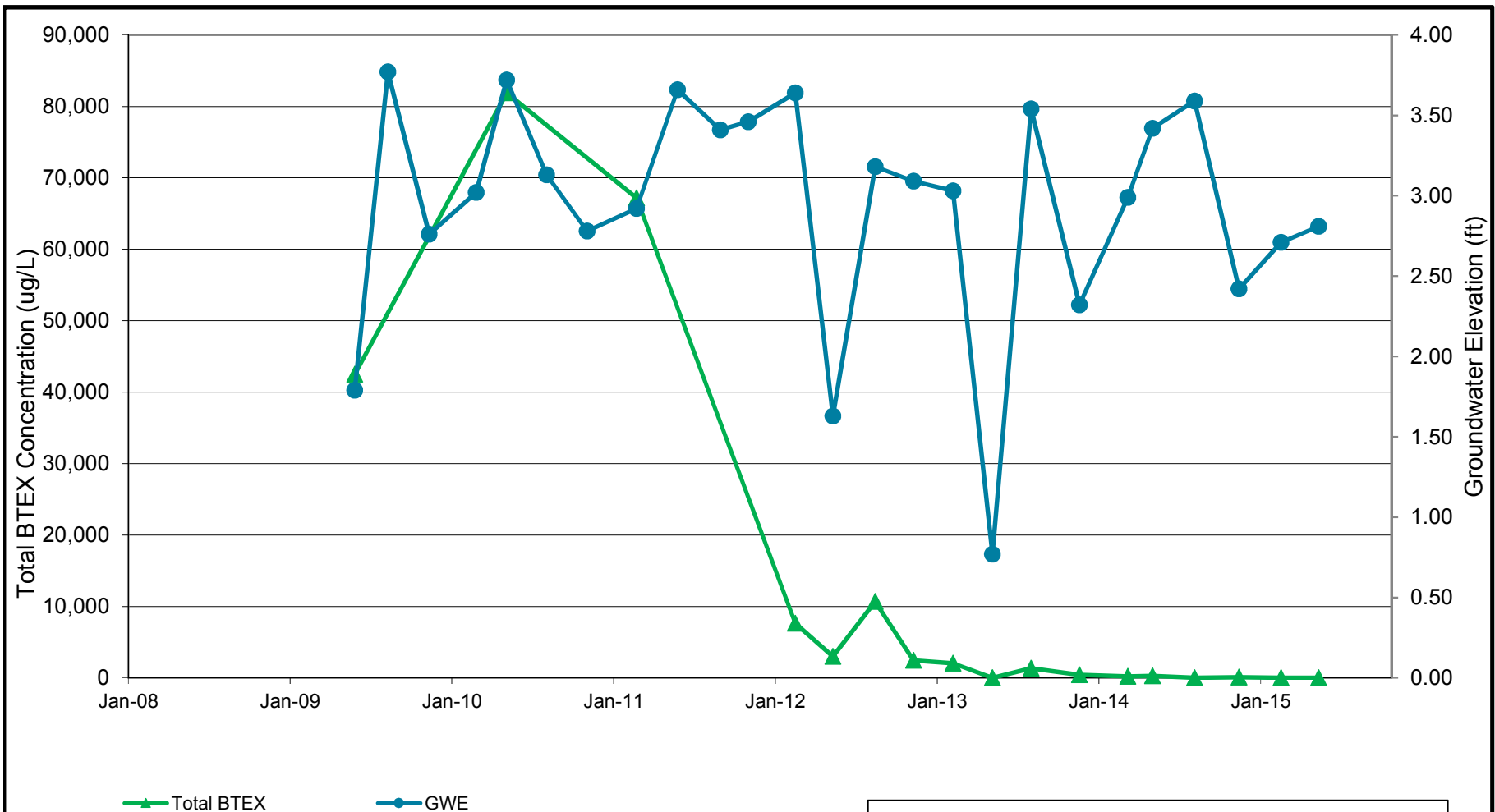




1. Half of detection limit used when results were below laboratory detection limit.

Figure 10. Location: MW-10
Total BTEX Concentration vs. Groundwater Elevation
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York





1. Half of detection limit used when results were below laboratory detection limit.

Figure 12. Location: MW-18
Total BTEX Concentration vs. Groundwater Elevation
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

Table 1
Monitoring Well Gauging And Groundwater Analytical Data
February 20, 2008 Through May 12, 2015

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-1	2/20/2008	22.01	19.23	ND	ND	2.78	74.3	284	71.7	595	1,025	15.4	ND<200	
	5/22/2008	22.01	19.35	ND	ND	2.66	3,240	4,740	2,400	12,200	22,580	635	ND<5,000	
	8/14/2008	22.01	19.45	ND	ND	2.56	4,730	5,610	2,520	12,500	25,360	1,050	NA	
	9/30/2008	22.01	19.45	ND	ND	2.56	3,550	3,220	1,780	8,210	16,760	711	ND<100	
	11/20/2008	22.01	19.50	ND	ND	2.51	487	835	110	1,760	3,192	114	ND<500	
	2/5/2009	22.01	19.70	ND	ND	2.31	3,990	17,700	5,250	29,000	55,940	1,000	ND<5,000	
	5/28/2009	22.01	20.88	20.08	0.80	1.70	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	8/11/2009	22.01	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well casing damaged.
	11/12/2009	22.02	19.60	18.84	0.76	2.96	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	2/23/2010	22.02	18.93	18.91	0.02	3.10	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	5/6/2010	22.02	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	
	8/4/2010	22.02	18.91	ND	ND	3.11	3,690	33,400	8,180	45,900	91,170	ND<50	NS	
	11/3/2010	22.02	19.26	ND	ND	2.76	2,540	40,800	7,120	39,900	90,360	ND<100	ND<100	
	1/29/2011	22.02	18.90	ND	ND	3.12	NS	NS	NS	NS	NS	NS	NS	Gauging only
	2/23/2011	22.02	19.09	NM	NM	2.93	1,400	22,000	5,000	32,000	60,400	ND<3	ND<200	
	5/26/2011	22.02	18.37	ND	ND	3.65	760	28,000	5,500	39,000	73,260	ND<5	ND<200	
	8/31/2011	22.02	17.96	ND	ND	4.06	130	4,400	790	7,500	12,820	ND<3	ND<200	
	11/2/2011	22.02	18.30	ND	ND	3.72	43	1,200	1,400	10,000	11,243	ND<5	ND<200	
	2/16/2012	22.02	19.37	ND	ND	2.65	5	41	240	2,400	2,686	ND<1	ND<200	
	5/11/2012	22.02	19.35	ND	ND	2.67	5	4	110	84	203	ND<0.5	230 J	Gauged on 5/10/2012
	8/14/2012	22.02	18.55	ND	ND	3.47	ND<0.5	ND<0.5	2	17	19	ND<0.5	ND<200	
	11/9/2012	22.02	19.01	ND	ND	3.01	ND<0.5	2	85	180	267	ND<0.5	ND<200	
	2/6/2013	22.02	19.14	ND	ND	2.88	0.5 J	8	170	340	518.5 J	ND<0.5	ND<200	
	5/6/2013	22.02	22.03	ND	ND	-0.01	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/1/2013	22.02	18.73	ND	ND	3.29	ND<0.5	0.8 J	8	9	17.8 J	ND<0.5	NA	
	11/18/2013	22.02	19.71	ND	ND	2.31	1 J	7	83	410	501 J	ND<0.5	NA	
	2/21/2014	22.02	14.08	ND	ND	7.94	ND<0.5	ND<0.5	0.8 J	15	15.8 J	ND<0.5	NA	
	5/2/2014	22.02	18.68	ND	ND	3.34	ND<0.5	2	ND<0.5	28	30	ND<0.5	NA	
	8/5/2014	22.02	18.64	ND	ND	3.38	ND<0.5	1	0.5 J	22	23.5	ND<0.5	NA	
	11/13/2014	22.02	19.55	ND	ND	2.47	ND<0.5	15	65	550	630.0	0.5J	NA	
	2/16/2015	22.02	19.27	ND	ND	2.75	ND<0.5	2	30	250	282	ND<0.5	NA	
	5/12/2015	22.02	19.19	ND	ND	2.83	ND<0.5	3	12	300	315	ND<0.5	NA	
MW-2	2/20/2008	22.28	19.48	ND	ND	2.80	452	6,580	3,290	18,100	28,422	111	ND<5,000	
	5/22/2008	22.28	20.22	19.50	0.72	2.57	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	8/14/2008	22.28	20.00	19.62	0.38	2.55	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	9/30/2008	22.28	19.72	ND	ND	2.56	2,940	12,500	3,230	18,600	37,270	625	ND<100	
	11/20/2008	22.28	19.75	ND	ND	2.53	2,940	5,730	2,380	13,200	24,250	632	ND<5,000	
	2/5/2009	22.28	19.97	ND	ND	2.31	4,330	15,600	4,450	27,900	52,280	285	ND<5,000	
	5/28/2009	22.28	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible - Site construction.
	8/11/2009	22.28	18.85	18.55	0.30	3.64	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	11/12/2009	22.28	19.35	18.91	0.44	3.24	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	2/23/2010	22.28	19.34	18.95	0.39	3.22	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	5/6/2010	22.28	18.30	ND	ND	3.98	762	40,800	7,620	38,400	87,582	ND<100	ND<100	
	8/4/2010	22.28	18.91	ND	ND	3.37	231	32,500	7,160	42,800	82,691	ND<20	ND<100	
	11/3/2010	22.28	19.32	ND	ND	2.96	122	35,400	6,600	36,400	78,522	ND<100	155	

Table 1
Monitoring Well Gauging And Groundwater Analytical Data
February 20, 2008 Through May 12, 2015

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-2 (continued)	1/29/2011	22.28	19.28	ND	ND	3.00	NS	NS	NS	NS	NS	NS	NS	Gauging only
	2/23/2011	22.28	19.17	NM	NM	3.11	130	25,000	5,900	34,000	65,030	8	ND<200	
	5/26/2011	22.28	18.33	ND	ND	3.95	120	18,000	5,700	33,000	56,820	ND<10	ND<200	
	8/31/2011	22.28	18.06	ND	ND	4.22	ND<5	9,200	1,900	17,000	28,100	ND<5	ND<200	
	11/2/2011	22.28	18.26	ND	ND	4.02	11	1,000	960	7,100	9,060	ND<5	ND<200	
	2/16/2012	22.28	19.48	ND	ND	2.80	ND<0.5	40	86	640	766	ND<0.5	ND<200	
	5/11/2012	22.28	21.33	ND	ND	0.95	3	260	230	990	1,483	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	22.28	18.90	ND	ND	3.38	ND<3	12	710	12,000	12,722	ND<3	ND<200	
	11/9/2012	22.28	19.06	ND	ND	3.22	ND<3	110	360	5,500	5,970	ND<3	ND<200	
	2/6/2013	22.28	19.13	ND	ND	3.15	ND<5	18	360	660	1,038	ND<5	ND<200	
	5/6/2013	22.28	22.20	ND	ND	0.08	0.9 J	57	110	390	557.9 J	ND<0.5	ND<200	
	8/1/2013	22.28	18.76	ND	ND	3.52	ND<0.5	8	140	560	708	ND<0.5	ND<200	
	11/18/2013	22.28	19.78	ND	ND	2.50	ND<1	11	190	5,100	5,301	ND<1	ND<200	
	2/21/2014	22.28	19.18	ND	ND	3.10	ND<1	20	200	3,000	3,220	ND<1	ND<200	
	5/2/2014	22.28	18.62	ND	ND	3.66	ND<1	1 J	88	1,200	1,289 J	ND<1	ND<200	
	8/5/2014	22.28	18.52	ND	ND	3.76	ND<3	4 J	220	350	574 J	ND<3	ND<200	
	11/13/2014	22.28	19.51	ND	ND	2.77	ND<3	4 J	500	2,300	2,804	ND<3	ND<200	
MW-3	2/16/2015	22.28	19.30	ND	ND	2.98	ND<1	ND<1	730	3,600	4,330	ND<1	ND<200	
	5/12/2015	22.28	19.25	ND	ND	3.03	ND<0.5	0.8 J	76	230	306.8 J	ND<0.5	ND<200	
	2/20/2008	20.14	17.40	ND	ND	2.74	36.4	6.9 J	323	86.3	453 J	2,400	ND<1,000	
	5/22/2008	20.14	17.61	ND	ND	2.53	39.7	8.1	534	64.1	646	5.2	ND<500	
	8/14/2008	20.14	17.61	ND	ND	2.53	33.7	7.2	467	66.2	574	3.2	NA	
	9/30/2008	20.14	17.64	ND	ND	2.50	19.4	5.6	307	52.9	385	8.7	ND<100	
	11/20/2008	20.14	17.69	ND	ND	2.45	20.5	8.9	245	53.4	328	1.9	ND<100	
	2/5/2009	20.14	17.83	ND	ND	2.31	18.4	6.9	385	62.8	473	1.4	ND<100	
	5/28/2009	20.14	18.42	ND	ND	1.72	8.9	5.0	39.2	70.3	123.4	2.4	ND<100	
	8/11/2009	20.14	14.62	ND	ND	5.52	3.3	6.6	365	1,250	1,625	ND<1.0	ND<100	
	11/12/2009	20.14	14.95	ND	ND	5.19	2.3 J	5.3	414	676	1,098 J	ND<2.5	ND<250	
	2/23/2010	20.14	14.96	ND	ND	5.18	0.69 J	2.5	318	421	742 J	ND<2.5	ND<250	
	5/6/2010	20.14	14.90	ND	ND	5.24	ND<5.0	3.2 J	470	657	1,130 J	ND<5.0	ND<250	
	8/4/2010	20.14	14.97	ND	ND	5.17	0.48 J	2.1	223	228	454 J	ND<1.0	ND<100	
	11/3/2010	20.14	15.40	ND	ND	4.74	0.52	2.1	257	162	421.62	ND<2.0	ND<200	
	2/8/2011	20.14	14.88	ND	ND	5.26	ND<0.5	ND<0.5	15	4	18	ND<0.5	ND<50	
	5/26/2011	20.14	14.72	ND	ND	5.42	ND<0.5	1	120	77	197	ND<0.5	ND<50	
	8/31/2011	20.14	14.90	ND	ND	5.24	ND<0.5	2	150	97	249	ND<0.5	ND<50	
	11/2/2011	20.14	14.70	ND	ND	5.44	0.7 J	3	150	94	248 J	ND<0.5	ND<50	
	2/16/2012	20.14	15.24	ND	ND	4.90	ND<3	4 J	560	370	934 J	ND<3	ND<200	
	5/11/2012	20.14	14.72	ND	ND	5.42	ND<0.5	0.6 J	83	49	132.6 J	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	20.14	15.14	ND	ND	5.00	ND<0.5	2	220	160	382	ND<0.5	ND<200	
	11/9/2012	20.14	15.09	ND	ND	5.05	ND<0.5	3	300	210	513	ND<0.5	ND<200	
	2/6/2013	20.14	15.33	ND	ND	4.81	ND<0.5	ND<0.5	23	9	32	ND<0.5	ND<200	
	5/6/2013	20.14	16.14	ND	ND	4.00	ND<0.5	2	120	65	187	ND<0.5	ND<200	
	8/1/2013	20.14	15.02	ND	ND	5.12	ND<0.5	ND<0.5	23	11	34	ND<0.5	ND<200	
	11/18/2013	20.14	15.61	ND	ND	4.53	ND<0.5	1	230	110	341	ND<0.5	ND<200	

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February 20, 2008 Through May 12, 2015

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-3 (continued)	2/21/2014	20.14	15.44	ND	ND	4.70	ND<0.5	ND<0.5	66	24	90	ND<0.5	ND<200	
	5/2/2014	20.14	14.83	ND	ND	5.31	ND<0.5	ND<0.5	40	16	56	ND<0.5	ND<200	
	8/5/2014	20.14	15.04	ND	ND	5.10	ND<0.5	ND<0.5	2	ND<0.5	2	ND<0.5	ND<200	
	11/13/2014	20.14	16.10	ND	ND	4.04	ND<0.5	ND<0.5	150	40	190	ND<0.5	ND<200	
	2/16/2015	20.14	15.51	ND	ND	4.63	ND<0.5	ND<0.5	16	8	24	ND<0.5	ND<200	
	5/12/2015	20.14	15.00	ND	ND	5.14	ND<0.5	ND<0.5	2	ND<0.5	2	ND<0.5	ND<200	
MW-4	2/20/2008	18.85	15.68	ND	ND	3.17	2.2	1.0	0.44 J	2.0	5.6 J	3.3	ND<100	
	5/22/2008	18.85	15.52	ND	ND	3.33	0.64 J	0.58 J	0.70 J	4.0	5.9 J	1.6	ND<100	
	8/14/2008	18.85	15.17	ND	ND	3.68	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	1.6	NA	
	9/30/2008	18.85	15.13	ND	ND	3.72	0.28 J	ND<1.0	ND<1.0	ND<1.0	0.28 J	1.4	ND<100	
	11/20/2008	18.85	15.15	ND	ND	3.70	ND<1.0	1.4	0.39 J	2.4	4.2 J	1.1	ND<100	
	2/5/2009	18.85	15.31	ND	ND	3.54	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	1.8	ND<100	
	5/28/2009	18.85	15.75	ND	ND	3.10	4.2	2.1	1.6	12.2	20.1	5.2	ND<100	
	8/11/2009	18.85	14.21	ND	ND	4.64	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	2.5	ND<100	
	11/12/2009	18.85	14.19	ND	ND	4.66	1.2	1.3	0.74 J	6.2	9.4 J	1.9	ND<100	
	2/23/2010	18.85	14.07	ND	ND	4.78	ND<1.0	0.32 J	ND<1.0	ND<1.0	0.32 J	0.34 J	ND<100	
	5/6/2010	18.85	14.90	ND	ND	3.95	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	0.40 J	ND<100	
	8/4/2010	18.85	14.27	ND	ND	4.58	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	18.85	14.45	ND	ND	4.40	ND<1.0	ND<1.0	ND<1.0	0.53	0.53	ND<1.0	ND<100	
	2/8/2011	18.85	14.31	ND	ND	4.54	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/26/2011	18.85	14.29	ND	ND	4.56	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	8/31/2011	18.85	14.30	ND	ND	4.55	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	8	ND<200	
	11/2/2011	18.85	14.41	ND	ND	4.44	ND<0.5	ND<0.5	ND<0.5	2	2	16	ND<200	
	2/16/2012	18.85	14.35	ND	ND	4.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.7 J	ND<200	
	5/11/2012	18.85	14.36	ND	ND	4.49	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.7 J	ND<200	Gauged on 5/10/2012
	8/14/2012	18.85	14.29	ND	ND	4.56	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	11/9/2012	18.85	14.34	ND	ND	4.51	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.7 J	ND<200	
	2/6/2013	18.85	14.31	ND	ND	4.54	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/6/2013	18.85	14.52	ND	ND	4.33	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/1/2013	18.85	14.29	ND	ND	4.56	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	11/18/2013	18.85	14.31	ND	ND	4.54	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	2/21/2014	18.85	14.40	ND	ND	4.45	ND<0.5	2	0.8 J	5	7.8 J	ND<0.5	NA	
	5/2/2014	18.85	14.30	ND	ND	4.55	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	18.85	15.33	ND	ND	3.52	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	11/13/2014	18.85	14.41	ND	ND	4.44	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	2/16/2015	18.85	14.38	ND	ND	4.47	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	5/12/2015	18.85	14.29	ND	ND	4.56	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
MW-5	2/20/2008	20.17	17.50	ND	ND	2.67	2.9	0.68 J	1.4	2.0	7.0 J	1.9	ND<100	
	5/22/2008	20.17	17.60	ND	ND	2.57	1.1	0.22 J	0.53 J	0.63 J	2.5 J	0.60 J	ND<100	
	8/14/2008	20.17	17.74	ND	ND	2.43	1.3	ND<1.0	ND<1.0	ND<1.0	1.3	1.0	NA	
	9/30/2008	20.17	17.64	ND	ND	2.53	34.0	0.34 J	0.77 J	0.59 J	35.7 J	14.0	ND<100	
	11/20/2008	20.17	17.55	ND	ND	2.62	97.3	3.3	35.1	6.7	142.4	12.2	ND<100	
	2/5/2009	20.17	17.48	ND	ND	2.69	108	4.6	66.1	22.1	201	9.1	ND<100	

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Mobil Branded Service Station
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		Gauging Data					Analytical Data								
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments	
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~		
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~		
MW-5 (continued)	5/28/2009	20.17	18.04	ND	ND	2.13	99.0	0.60 J	54.8	2.3	156.7 J	26.1	ND<100		
	8/11/2009	20.17	17.09	ND	ND	3.08	0.40 J	ND<1.0	ND<1.0	ND<1.0	0.40 J	11.8	ND<100		
	11/12/2009	20.17	17.37	ND	ND	2.80	1.5	ND<1.0	0.58 J	0.35 J	2.4 J	3,920	ND<100		
	2/23/2010	20.17	17.33	ND	ND	2.84	27.4	ND<10	ND<10	ND<10	27.4	6,680	ND<1000		
	5/6/2010	20.17	16.91	ND	ND	3.26	41.7	ND<10	ND<10	ND<10	41.7	12,900	ND<100		
	8/4/2010	20.17	17.39	ND	ND	2.78	18.0	ND<1.0	ND<1.0	ND<1.0	18.0	1,380	ND<100		
	11/3/2010	20.17	17.57	ND	ND	2.60	52.8	0.66	0.29	1.2	54.95	5.8	ND<100		
	2/23/2011	20.17	17.44	ND	ND	2.73	0.7 J	ND<0.5	ND<0.5	0.8 J	0.15 J	1,700	ND<200		
	5/26/2011	20.17	17.02	ND	ND	3.15	4	ND<0.5	ND<0.5	22	26	290	ND<200		
	8/31/2011	20.17	16.44	ND	ND	3.73	4	ND<0.5	ND<0.5	4	8	180	ND<200		
	11/2/2011	20.17	16.71	ND	ND	3.46	66	ND<0.5	0.8 J	0.6 J	67.4 J	65	ND<200		
	2/16/2012	20.17	17.66	ND	ND	2.51	170	2 J	2	3	177 J	6	ND<200		
	5/11/2012	20.17	17.71	ND	ND	2.46	97	2	1	4	104	7	270 J	Gauged on 5/10/2012	
	8/14/2012	20.17	17.41	ND	ND	2.76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	130	ND<200		
	11/9/2012	20.17	17.49	ND	ND	2.68	25	0.6 J	ND<0.5	0.5 J	26.1	3	ND<200		
	2/6/2013	20.17	17.32	ND	ND	2.85	9	ND<0.5	ND<0.5	ND<0.5	9	3	ND<200		
	5/6/2013	20.17	17.75	ND	ND	2.42	10	ND<0.5	ND<0.5	ND<0.5	10	3	ND<200		
	8/1/2013	20.17	17.26	ND	ND	2.91	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	14	ND<200		
	11/18/2013	20.17	17.80	ND	ND	2.37	17	0.5 J	ND<0.5	1	18.5 J	3	ND<200		
	2/21/2014	20.17	17.61	ND	ND	2.56	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	2	ND<200		
	5/2/2014	20.17	17.21	ND	ND	2.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	11	ND<200		
	8/5/2014	20.17	17.20	ND	ND	2.97	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	6	ND<200		
	11/13/2014	20.17	17.82	ND	ND	2.35	17	ND<0.5	ND<0.5	ND<0.5	0.6J	17.6 J	3	ND<200	
	2/16/2015	20.17	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA		
	5/12/2015	20.17	17.55	ND	ND	2.62	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	4	ND<200		
MW-6	9/30/2008	20.57	18.68	17.89	0.79	2.53	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	11/20/2008	21.07	19.07	18.44	0.63	2.51	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	2/5/2009	21.07	18.96	18.10	0.86	2.81	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	5/28/2009	21.07	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.	
MW-6A	11/12/2009	20.04	16.94	ND	ND	3.10	9,490	23,500	5,420	29,500	67,910	262	ND<20,000		
	2/23/2010	20.04	16.96	ND	ND	3.08	7,620	25,000	4,370	25,100	62,090	132 J	ND<20,000		
	5/6/2010	20.04	16.20	ND	ND	3.84	1,920	37,300	3,870	36,800	79,890	112	ND<100		
	8/4/2010	20.04	16.83	ND	ND	3.21	7,090	24,600	5,260	27,600	64,550	45.9	ND<100		
	11/3/2010	20.04	17.19	ND	ND	2.85	4,710	26,100	4,640	23,800	59,250	ND<100	ND<100		
	1/29/2011	20.04	17.01	ND	ND	3.03	NS	NS	NS	NS	NS	NS	NS	Gauging only	
	2/8/2011	20.04	17.10	ND	ND	2.94	2,600	24,000	3,700	20,000	50,300	17	ND<200		
	5/26/2011	20.04	16.30	ND	ND	3.74	410	5,400	800	14,000	20,610	19 J	ND<200		
	8/31/2011	20.04	15.93	ND	ND	4.11	22	240	130	1,400	1,792	12	ND<200		
	11/2/2011	20.04	16.17	ND	ND	3.87	3	15	160	510	688	ND<1	ND<200		
	2/16/2012	20.04	17.29	ND	ND	2.75	ND<0.5	21	80	410	511	ND<0.5	ND<200		
	5/11/2012	20.04	18.40	ND	ND	1.64	0.6 J	4	340	1100	1444.6 J	ND<0.5	ND<200	Gauged on 5/10/2012	
	8/14/2012	20.04	16.80	ND	ND	3.24	ND<1	52	180	1,000	1,232	ND<1	ND<200		
	11/9/2012	20.04	17.08	ND	ND	2.96	ND<0.5	33	200	860	1,093	ND<0.5	ND<200		

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		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-6A (continued)	2/6/2013	20.04	17.13	ND	ND	2.91	0.7 J	14	230	380	624.7 J	ND<0.5	ND<200	
	5/6/2013	20.04	19.59	ND	ND	0.45	ND<0.5	ND<0.5	3	8	11	ND<0.5	NA	
	8/1/2013	20.04	16.65	ND	ND	3.39	ND<0.5	1	4	89	94	ND<0.5	NA	
	11/18/2013	20.04	17.67	ND	ND	2.37	ND<0.5	2	110	240	352	ND<0.5	NA	
	2/21/2014	20.04	17.21	ND	ND	2.83	0.6 J	7	110	78	195.6 J	ND<0.5	NA	
	5/2/2014	20.04	16.67	ND	ND	3.37	ND<0.5	4	26	68	98	ND<0.5	NA	
	8/5/2014	20.04	16.58	ND	ND	3.46	ND<0.5	ND<0.5	ND<0.5	12	12	ND<0.5	NA	
	11/13/2014	20.04	17.52	ND	ND	2.52	3	9	250	510	772	0.7 J	NA	
	2/16/2015	20.04	17.21	ND	ND	2.83	1 J	12	160	580	752	ND<1	NA	
5/12/2015	20.04	17.47	ND	ND	2.57	ND<0.5	5	ND<0.5	750	755	ND<0.5	NA		
MW-7	9/30/2008	21.93	19.37	ND	ND	2.56	579	5,550	1,380	8,440	15,949	31.0 J	ND<100	
	11/20/2008	21.91	19.38	ND	ND	2.53	381	1,270	163	2,950	4,764	32.8	ND<1,000	
	2/5/2009	NM	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible - frozen shut.
	5/28/2009	21.91	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible - Site construction.
	8/11/2009	21.91	19.04	19.02	0.02	2.88	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	11/12/2009	21.91	19.26	19.24	0.02	2.66	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	2/23/2010	22.25	19.24	ND	ND	3.01	3,400	10,100	5,240	31,000	49,740	26.2 J	ND<10,000	
	5/6/2010	21.91	18.56	ND	ND	3.35	1,890	17,200	3,370	38,100	60,560	ND<50	ND<100	
	8/4/2010	21.91	19.17	ND	ND	2.74	2,170	23,200	5,390	43,900	74,660	17.9	ND<100	
	11/3/2010	21.91	19.53	ND	ND	2.38	4,100	26,500	5,990	38,100	74,690	ND<100	ND<100	
	1/29/2011	21.91	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	2/23/2011	21.91	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	21.91	18.68	ND	ND	3.23	970	8,200	1,500	27,000	37,670	20	ND<200	
	8/31/2011	21.91	18.24	ND	ND	3.67	11	100	89	900	1,100	ND<5	ND<200	
	11/2/2011	21.91	18.52	ND	ND	3.39	51	64	310	1,400	1,825	ND<3	ND<200	
	2/16/2012	21.91	19.60	ND	ND	2.31	9	1,300	310	1,800	3,419	ND<3	ND<200	
	5/11/2012	21.91	19.60	ND	ND	2.31	73	9	820	1200	2,102	3 J	ND<200	Gauged on 5/10/2012
	8/14/2012	21.91	19.11	ND	ND	2.80	ND<0.5	ND<0.5	0.7 J	8	8.7 J	ND<0.5	ND<200	
	11/9/2012	21.91	19.41	ND	ND	2.50	ND<3	84	690	3,400	4,174	ND<3	ND<200	4"
	2/6/2013	21.91	19.39	ND	ND	2.52	ND<0.5	ND<0.5	3	16	19	ND<0.5	ND<200	
	5/6/2013	21.91	22.13	ND	ND	-0.22	2	ND<0.5	10	3	15	ND<0.5	NA	
	8/1/2013	21.91	19.01	ND	ND	2.90	ND<0.5	ND<0.5	ND<0.5	3	3	ND<0.5	NA	
	11/18/2013	21.91	19.97	ND	ND	1.94	ND<0.5	2	750	950	1,702	ND<0.5	NA	
	2/21/2014	21.91	19.32	ND	ND	2.59	ND<0.5	ND<0.5	1	ND<0.5	1	ND<0.5	NA	
	5/2/2014	21.91	18.94	ND	ND	2.97	ND<0.5	ND<0.5	ND<0.5	BDL	BDL	ND<0.5	ND<0.5	
	8/5/2014	21.91	18.90	ND	ND	3.01	ND<0.5	ND<0.5	ND<0.5	0.7 J	0.7 J	ND<0.5	NA	
	11/13/2014	21.91	19.79	ND	ND	2.12	ND<0.5	ND<0.5	25	45	70	ND<0.5	NA	
	2/16/2015	21.91	19.91	ND	ND	2.00	ND<0.5	ND<0.5	ND<0.5	BDL	BDL	ND<0.5	ND<0.5	
	5/12/2015	21.91	19.41	ND	ND	2.50	ND<0.5	ND<0.5	ND<0.5	BDL	BDL	ND<0.5	NA	
MW-8	9/30/2008	22.10	19.57	ND	ND	2.53	1,520	11,300	2,320	12,900	28,040	367	ND<100	
	11/20/2008	22.13	19.62	ND	ND	2.51	525	1,550	474	3,020	5,569	213	ND<1,000	
	2/5/2009	22.13	19.81	ND	ND	2.32	904	894	635	3,790	6,223	224	ND<500	
	5/28/2009	22.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.

Table 1
Monitoring Well Gauging And Groundwater Analytical Data
February 20, 2008 Through May 12, 2015

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data								
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments	
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~		
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~		
MW-9	9/30/2008	22.10	19.59	ND	ND	2.51	5,740	29,800	6,450	34,100	76,090	7,720	ND<100		
	11/20/2008	22.09	19.63	ND	ND	2.46	3,760	18,000	4,900	22,300	48,960	5,340	ND<5,000		
	2/5/2009	22.09	20.31	19.73	0.58	2.19	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	5/28/2009	22.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.	
MW-9A	11/12/2009	20.82	17.51	ND	ND	3.31	451	32,000	5,860	30,200	68,511	ND<200	ND<20,000		
	2/23/2010	20.82	17.43	ND	ND	3.39	ND<200	24,700	5,750	29,600	60,050	ND<200	ND<20,000		
	5/6/2010	20.82	16.85	16.80	0.05	4.01	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	8/4/2010	20.82	17.38	ND	ND	3.44	9.2	13,800	6,640	40,100	60,549	0.71 J	ND<100		
	11/3/2010	20.82	17.81	ND	ND	3.01	ND<50	8,070	7,120	36,900	52,090	ND<50	ND<100		
	1/29/2011	20.82	17.50	ND	ND	3.32	NS	NS	NS	NS	NS	NS	NS	Gauging only	
	2/23/2011	20.82	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible	
	5/26/2011	20.82	16.96	ND	ND	3.86	ND<5	1,700	6,000	30,000	37,700	ND<5	ND<200		
	8/31/2011	20.82	16.59	ND	ND	4.23	ND<10	740	2,700	24,000	27,440	ND<10	ND<200		
	11/2/2011	20.82	16.91	ND	ND	3.91	ND<3	47	1,500	13,000	14,547	ND<3	ND<200		
	2/16/2012	20.82	18.10	ND	ND	2.72	ND<5	6 J	570	7,000	7,576 J	ND<5	ND<200		
	5/11/2012	20.82	18.72	ND	ND	2.10	ND<3	ND<3	440	8400	8,840	ND<3	ND<200	Gauged on 5/10/2012	
	8/14/2012	20.82	17.63	ND	ND	3.19	ND<1	3	640	9,000	9,643	ND<1	ND<200		
	11/9/2012	20.82	17.86	ND	ND	2.96	ND<3	ND<3	980	9,400	10,380	ND<3	ND<200		
	2/6/2013	20.82	17.84	ND	ND	2.98	ND<10	ND<10	1,200	19,000	20,200	ND<10	ND<200		
	5/6/2013	20.82	20.60	ND	ND	0.22	ND<0.5	ND<0.5	15	250	265	ND<0.5	NA		
	8/1/2013	20.82	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	DRY	
	11/18/2013	20.82	19.26	ND	ND	1.56	ND<0.5	0.6 J	140	580 J	721 J	ND<0.5	NA		
	2/21/2014	20.82	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/7/2014	20.82	17.00	ND	ND	3.82	ND<0.5	ND<0.5	83	140	223	ND<0.5	NA		
	5/2/2014	20.82	17.10	ND	ND	3.72	ND<0.5	ND<0.5	110	330	440	ND<0.5	NA		
	8/5/2014	20.82	17.18	ND	ND	3.64	ND<1	2 J	210	1700	1912 J	ND<1	NA		
	11/13/2014	20.82	17.95	ND	ND	2.87	ND<1	2	160	2300	2462	ND<1	NA		
	2/16/2015	20.82	17.63	ND	ND	3.19	ND<1	2	130	1300	1432	ND<1	NA		
	5/12/2015	20.82	17.15	ND	ND	3.67	ND<0.5	ND<0.5	1	7	8	ND<0.5	NA		
MW-10	9/30/2008	22.63	20.89	19.95	0.94	2.50	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	11/20/2008	23.20	20.79	20.70	0.09	2.48	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	2/5/2009	23.20	21.17	20.17	1.00	2.84	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	5/28/2009	23.20	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible - Site construction.	
	8/11/2009	23.20	19.60	18.88	0.72	4.18	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	11/12/2009	23.20	20.01	19.18	0.83	3.86	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	2/23/2010	23.20	19.98	19.25	0.73	3.81	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	5/6/2010	23.20	18.72	18.55	0.17	4.60	NS	NS	NS	NS	NS	NS	NS	LPH detected.	
	8/4/2010	23.20	19.18	ND	ND	4.02	3.4 J	4,210	4,700	24,600	33,513 J	ND<10	ND<100		
	11/3/2010	23.20	19.61	ND	ND	3.59	ND<25	2,520	4,130	24,500	31,150	ND<25	ND<100		
	1/29/2011	23.20	19.81	19.80	0.01	3.39	NS	NS	NS	NS	NS	NS	NS	LPH detected. Gauging only	
	2/8/2011	23.20	19.61	ND	ND	3.59	6	1,900	3,800	22,000	27,706	ND<3	ND<200		
	5/26/2011	23.20	18.78	ND	ND	4.42	ND<3	280	1,800	9,700	11,780	ND<3	ND<200		
	8/31/2011	23.20	18.44	ND	ND	4.76	ND<0.5	10	10	210	230	ND<0.5	ND<200		
	11/2/2011	23.20	18.75	ND	ND	4.45	ND<0.5	3	96	460	559	ND<0.5	ND<200		

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150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-10 (continued)	2/16/2012	23.20	20.94	ND	ND	2.26	ND<0.5	ND<0.5	7	38	45	ND<0.5	ND<200	
	5/11/2012	23.20	21.47	ND	ND	1.73	ND<0.5	ND<0.5	0.8 J	0.8 J	1.6 J	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	23.20	19.22	ND	ND	3.98	ND<0.5	ND<0.5	ND<0.5	0.5 J	0.5 J	ND<0.5	ND<200	
	11/9/2012	23.20	19.57	ND	ND	3.63	ND<0.5	ND<0.5	25	290	315	ND<0.5	ND<200	
	2/6/2013	23.20	19.56	ND	ND	3.64	ND<0.5	ND<0.5	ND<0.5	0.8 J	0.8 J	ND<0.5	ND<200	
	5/6/2013	23.20	22.52	ND	ND	0.68	ND<0.5	ND<0.5	2	21	23	ND<0.5	NA	
	8/1/2013	23.20	19.30	ND	ND	3.90	ND<0.5	ND<0.5	ND<0.5	2	2	ND<0.5	NA	
	11/18/2013	23.20	20.28	ND	ND	2.92	ND<0.5	ND<0.5	0.7 J	3	3.7 J	ND<0.5	NA	
	2/21/2014	23.20	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	
	3/7/2014	23.20	19.55	ND	ND	3.65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	5/2/2014	23.20	19.18	ND	ND	4.02	ND<0.5	ND<0.5	22	160	182	ND<0.5	NA	
	8/5/2014	23.20	19.05	ND	ND	4.15	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
11/13/2014	23.20	20.08	ND	ND	3.12	ND<0.5	ND<0.5	11	110	121	ND<0.5	NA		
2/16/2015	23.20	19.68	ND	ND	3.52	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA		
5/12/2015	23.20	19.65	ND	ND	3.55	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA		
MW-11	9/30/2008	21.85	19.04	18.99	0.05	2.85	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	11/20/2008	21.85	19.75	19.69	0.06	2.15	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	2/5/2009	21.85	19.44	19.21	0.23	2.60	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	5/28/2009	21.85	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible - Site construction.
	8/11/2009	21.85	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well casing damaged.
	11/12/2009	22.19	19.15	18.60	0.55	3.49	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	2/23/2010	22.19	17.66	ND	ND	4.53	6,360	35,300	5,330	33,300	80,290	ND<200	ND<20,000	
	5/6/2010	22.19	17.97	ND	ND	4.22	5,760	4,3800	6,400	38,800	94,760	25.2 J	ND<100	
	8/4/2010	22.19	18.59	ND	ND	3.60	6,430	35,700	6,860	39,900	88,890	27.6	ND<100	
	11/3/2010	22.19	19.16	18.90	.26	3.23	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	1/29/2011	22.19	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	2/23/2011	22.19	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	22.19	18.00	ND	ND	4.19	2,200	26,000	2,300	29,000	59,500	ND<10	ND<200	
	8/31/2011	22.19	17.84	ND	ND	4.35	830	17,000	3,000	24,000	44,830	ND<10	ND<200	
	11/2/2011	22.19	17.90	ND	ND	4.29	9 J	2,700	900	12,000	15,609 J	ND<5	ND<200	
	2/16/2012	22.19	18.96	ND	ND	3.23	ND<3	51	310	4,100	4,461	ND<3	ND<200	
	5/11/2012	22.19	18.95	ND	ND	3.24	0.7 J	17	54	500	571.7 J	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	22.19	18.41	ND	ND	3.78	ND<0.5	ND<0.5	ND<0.5	7	7	ND<0.5	ND<200	
	11/9/2012	22.19	18.74	ND	ND	3.45	2	9	32	180	223	ND<0.5	ND<200	
	2/6/2013	22.19	18.73	ND	ND	3.46	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/6/2013	22.19	21.19	ND	ND	1.00	ND<0.5	0.8 J	5	19	24.8 J	ND<0.5	NA	
	8/1/2013	22.19	18.35	ND	ND	3.84	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	11/18/2013	22.19	19.34	ND	ND	2.85	ND<0.5	ND<0.5	ND<0.5	3	3	ND<0.5	NA	
	2/21/2014	22.19	18.68	ND	ND	3.51	ND<0.5	ND<0.5	ND<0.5	11	11	ND<0.5	NA	
	5/2/2014	22.19	18.34	ND	ND	3.85	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	22.19	18.22	ND	ND	3.97	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	11/13/2014	22.19	19.25	ND	ND	2.94	ND<0.5	1	77	370	448	ND<0.5	NA	
	2/16/2015	22.19	18.85	ND	ND	3.34	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	5/12/2015	22.19	18.75	ND	ND	3.44	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	

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		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-13	11/20/2008	27.35	24.86	ND	ND	2.49	1,700	23,400	7,820	42,300	75,220	ND<200	ND<20,000	
	2/5/2009	27.35	25.07	ND	ND	2.28	959	22,400	5,630	32,700	61,689	ND<100	ND<10,000	
	5/28/2009	27.35	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.
MW-14	11/20/2008	23.35	20.88	ND	ND	2.47	609	6,750	3,990	23,900	35,249	53.6	ND<2,500	
	2/5/2009	NM	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.
MW-15	11/20/2008	23.30	20.83	ND	ND	2.47	239	1,030	976	4,230	6,475	8.8 J	ND<1,000	
	2/5/2009	NM	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.
MW-16	11/20/2008	23.26	20.76	ND	ND	2.50	327	1,900	1,460	7,560	11,247	ND<20	ND<2,000	
	2/5/2009	NM	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.
MW-17	11/20/2008	17.32	14.85	ND	ND	2.47	871	17,600	8,260	40,500	67,231	ND<100	ND<10,000	
	2/5/2009	17.32	15.08	14.99	0.09	2.30	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	5/28/2009	17.32	15.84	15.64	0.20	1.62	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	8/11/2009	17.32	14.10	14.00	0.10	3.29	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	11/12/2009	17.32	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well Inaccessible.
	2/23/2010	17.32	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well destroyed.
MW-18	5/28/2009	22.93	21.14	ND	ND	1.79	536	11,700	4,460	25,800	42,496	795	ND<5,000	
	8/11/2009	22.93	19.17	19.15	0.02	3.77	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	11/12/2009	22.93	22.02	19.41	2.61	2.76	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	2/26/2010	22.93	19.34	19.90	0.04	3.02	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	5/6/2010	22.93	19.21	ND	ND	3.72	1,770	29,200	7,510	43,400	81,880	ND<250	ND<100	
	8/4/2010	22.93	19.81	19.79	0.02	3.13	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	11/3/2010	22.93	20.17	20.15	0.02	2.78	NS	NS	NS	NS	NS	NS	NS	LPH detected.
	1/29/2011	22.93	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible.
	2/23/2011	22.93	20.01	ND	ND	2.92	780	25,000	5,400	36,000	67,180	ND<3	ND<200	
	5/26/2011	22.93	19.34	19.25	0.09	3.66	NS	NS	NS	NS	NS	NS	NS	LPH detected
	8/31/2011	22.93	18.84	18.81	0.03	3.41	NS	NS	NS	NS	NS	NS	NS	LPH detected
	11/2/2011	22.93	20.30	19.11	1.19	3.46	NS	NS	NS	NS	NS	NS	NS	LPH detected
	2/16/2012	22.93	19.29	ND	ND	3.64	ND<5	530	500	6,600	7,630	ND<5	ND<200	
	5/11/2012	22.93	21.30	ND	ND	1.63	12	29	470	2500	3011	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	22.93	19.75	ND	ND	3.18	ND<0.5	30	860	9,800	10,690	ND<5	ND<200	
	11/9/2012	22.93	19.84	ND	ND	3.09	ND<3	7	340	2,100	2,447	ND<3	ND<200	
	2/6/2013	22.93	19.90	ND	ND	3.03	ND<1	6	330	1,700	2,036	ND<1	ND<200	
	5/6/2013	22.93	22.16	ND	ND	0.77	ND<0.5	ND<0.5	1	7	8	ND<0.5	NA	
	8/1/2013	22.93	19.39	ND	ND	3.54	ND<0.5	12	140	1,200	1,352	ND<0.5	NA	
	11/18/2013	22.93	20.61	ND	ND	2.32	ND<0.5	0.9 J	190	230	421 J	ND<0.5	NA	
	2/21/2014	22.93	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	
	3/7/2014	22.93	19.94	ND	ND	2.99	ND<0.5	2	74	150	226	ND<0.5	NA	
	5/2/2014	22.93	19.51	ND	ND	3.42	ND<0.5	0.7 J	38	260	298.7 J	ND<0.5	NA	
	8/5/2014	22.93	19.34	ND	ND	3.59	ND<0.5	ND<0.5	3	20	23	ND<0.5	NA	
	11/13/2014	22.93	20.51	ND	ND	2.42	ND<0.5	ND<0.5	31	54	85	ND<0.5	NA	
	2/16/2015	22.93	20.22	ND	ND	2.71	ND<0.5	ND<0.5	6	27	33	ND<0.5	NA	
	5/12/2015	22.93	20.12	ND	ND	2.81	ND<0.5	ND<0.5	12	23	35	ND<0.5	NA	

Table 1
Monitoring Well Gauging And Groundwater Analytical Data
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Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-19	5/28/2009	24.78	22.92	ND	ND	1.86	ND<1.0	ND<1.0	ND<1.0	0.37 J	0.37 J	ND<1.0	ND<100	
	8/11/2009	24.78	21.31	ND	ND	3.47	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/12/2009	24.78	21.77	ND	ND	3.01	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/23/2010	24.78	21.79	ND	ND	2.99	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	5/6/2010	24.78	21.10	ND	ND	3.68	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/4/2010	24.78	21.76	ND	ND	3.02	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	24.78	22.05	ND	ND	2.73	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/23/2011	24.78	21.87	ND	ND	2.91	ND<0.5	ND<0.7	ND<0.8	ND<0.8	BDL	ND<0.5	ND<50	
	5/26/2011	24.78	20.46	ND	ND	4.32	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	8/31/2011	24.78	21.75	ND	ND	3.03	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	11/2/2011	24.78	21.11	ND	ND	3.67	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	2/16/2012	24.78	22.20	ND	ND	2.58	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/11/2012	24.78	22.65	ND	ND	2.13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	24.78	21.69	ND	ND	3.09	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	11/9/2012	24.78	21.95	ND	ND	2.83	NS	NS	NS	NS	NS	NS	NS	4", Not Sampled
	2/6/2013	24.78	21.95	ND	ND	2.83	NS	NS	NS	NS	NS	NS	NS	
	5/6/2013	24.78	23.04	ND	ND	1.74	NS	NS	NS	NS	NS	NS	NS	
	8/1/2013	24.78	21.56	ND	ND	3.22	NS	NS	NS	NS	NS	NS	NS	
	11/18/2013	24.78	22.50	ND	ND	2.28	NS	NS	NS	NS	NS	NS	NS	
	2/21/2014	24.78	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible under snow
	5/2/2014	24.78	21.49	ND	ND	3.29	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	11/13/2014	24.78	22.44	ND	ND	2.34	NS	NS	NS	NS	NS	NS	NS	
	2/16/2015	24.78	21.37	ND	ND	3.41	NS	NS	NS	NS	NS	NS	NS	
	5/12/2015	24.78	22.02	ND	ND	2.76	NS	NS	NS	NS	NS	NS	NS	Gauged only. Not sampled.
MW-20	5/28/2009	18.01	16.29	ND	ND	1.72	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	3.6	ND<100	
	8/11/2009	18.01	14.87	ND	ND	3.14	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	50.8	ND<100	
	11/12/2009	18.01	15.63	ND	ND	2.38	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	1.9	ND<100	
	2/23/2010	18.01	15.55	ND	ND	2.46	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	0.30 J	ND<100	
	5/6/2010	18.01	15.11	ND	ND	2.90	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	155	ND<100	
	8/4/2010	18.01	15.82	ND	ND	2.19	4.2 J	ND<5.0	ND<5.0	ND<5.0	4.2 J	6,590	ND<500	
	11/3/2010	18.01	16.06	ND	ND	1.95	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	2,180	ND<500	
	2/8/2011	18.01	15.53	ND	ND	2.48	ND<0.5	1	1	7	9	ND<0.5	ND<50	
	5/26/2011	18.01	14.58	ND	ND	3.43	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	480	ND<50	
	8/31/2011	18.01	13.82	ND	ND	4.19	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	510	ND<50	
	11/2/2011	18.01	14.70	ND	ND	3.31	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	55	ND<50	
	2/16/2012	18.01	15.92	ND	ND	2.09	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	18	ND<200	
	5/11/2012	18.01	15.74	ND	ND	2.27	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	42	ND<200	Gauged on 5/10/2012
	8/14/2012	18.01	15.58	ND	ND	2.43	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	1,100	ND<200	
	11/9/2012	18.01	15.56	ND	ND	2.45	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	2/6/2013	18.01	15.72	ND	ND	2.29	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	110	ND<200	
	5/6/2013	18.01	15.76	ND	ND	2.25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	88	NA	
	8/1/2013	18.01	15.53	ND	ND	2.48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	370	NA	
	11/18/2013	18.01	16.35	ND	ND	1.66	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	290	NA	
	2/21/2014	18.01	15.38	ND	ND	2.63	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	

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		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-20 (continued)	5/2/2014	18.01	14.52	ND	ND	3.49	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	18.01	15.15	ND	ND	2.86	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	52	NA	
	11/13/2014	18.01	15.97	ND	ND	2.04	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.8J	NA	
	2/16/2015	18.01	15.62	ND	ND	2.39	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	5/12/2015	18.01	15.90	ND	ND	2.11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.6 J	NA	
MW-21	5/28/2009	22.61	20.79	ND	ND	1.82	ND<1.0	ND<1.0	ND<1.0	0.69 J	0.69 J	ND<1.0	ND<100	
	8/11/2009	22.61	19.15	ND	ND	3.46	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/12/2009	22.61	19.58	ND	ND	3.03	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/23/2010	22.61	19.59	ND	ND	3.02	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	5/6/2010	22.61	18.90	ND	ND	3.71	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/4/2010	22.61	19.56	ND	ND	3.05	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	22.61	19.87	ND	ND	2.74	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<100	ND<100	
	2/8/2011	22.61	19.76	ND	ND	2.85	ND<0.5	0.6 J	ND<0.5	2	2.6 J	ND<0.5	ND<50	
	5/26/2011	22.61	18.92	ND	ND	3.69	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	8/31/2011	22.61	18.51	ND	ND	4.10	ND<0.5	ND<0.5	ND<0.5	0.5 J	0.5 J	ND<0.5	ND<50	
	11/2/2011	22.61	18.87	ND	ND	3.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	2/16/2012	22.61	20.04	ND	ND	2.57	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/11/2012	22.61	20.26	ND	ND	2.35	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	22.61	19.52	ND	ND	3.09	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	11/9/2012	22.61	19.79	ND	ND	2.82	NS	NS	NS	NS	NS	NS	NS	
	2/6/2013	22.61	19.79	ND	ND	2.82	NS	NS	NS	NS	NS	NS	NS	
	5/6/2013	22.61	20.53	ND	ND	2.08	NS	NS	NS	NS	NS	NS	NS	
	8/1/2013	22.61	19.39	ND	ND	3.22	NS	NS	NS	NS	NS	NS	NS	
	11/18/2013	22.61	20.30	ND	ND	2.31	NS	NS	NS	NS	NS	NS	NS	
	2/21/2014	22.61	19.77	ND	ND	2.84	NS	NS	NS	NS	NS	NS	NS	Gauged only
	5/2/2014	22.61	19.19	ND	ND	3.42	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	22.61	19.31	ND	ND	3.30	NS	NS	NS	NS	NS	NS	NS	
	11/13/2014	22.61	20.21	ND	ND	2.40	NS	NS	NS	NS	NS	NS	NS	
	2/16/2015	22.61	19.71	ND	ND	2.90	NS	NS	NS	NS	NS	NS	NS	
	5/12/2015	22.61	19.86	ND	ND	2.75	NS	NS	NS	NS	NS	NS	NS	Gauged only. Not sampled.
MW-22	5/28/2009	24.01	22.25	ND	ND	1.76	ND<1.0	0.43 J	0.54 J	3.6	4.6 J	ND<1.0	ND<100	
	8/11/2009	24.01	20.62	ND	ND	3.39	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/12/2009	24.01	21.03	ND	ND	2.98	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/23/2010	24.01	21.04	ND	ND	2.97	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	5/6/2010	24.01	20.36	ND	ND	3.65	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/4/2010	24.01	21.02	ND	ND	2.99	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	24.01	21.32	ND	ND	2.69	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/8/2011	24.01	21.20	ND	ND	2.81	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	5/26/2011	24.01	20.40	ND	ND	3.61	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	8/31/2011	24.01	19.96	ND	ND	4.05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	11/2/2011	24.01	20.35	ND	ND	3.66	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	2/16/2012	24.01	21.51	ND	ND	2.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/11/2012	24.01	21.78	ND	ND	2.23	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.8 J	ND<200	Gauged on 5/10/2012
	8/14/2012	24.01	20.98	ND	ND	3.03	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	

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		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-22 (continued)	11/9/2012	24.01	21.21	ND	ND	2.80	NS	NS	NS	NS	NS	NS	NS	
	2/6/2013	24.01	21.23	ND	ND	2.78	NS	NS	NS	NS	NS	NS	NS	
	5/6/2013	24.01	22.28	ND	ND	1.73	NS	NS	NS	NS	NS	NS	NS	
	8/1/2013	24.01	20.84	ND	ND	3.17	NS	NS	NS	NS	NS	NS	NS	
	11/18/2013	24.01	21.74	ND	ND	2.27	NS	NS	NS	NS	NS	NS	NS	
	2/21/2014	24.01	21.18	ND	ND	2.83	NS	NS	NS	NS	NS	NS	NS	Gauged only
	5/2/2014	24.01	20.69	ND	ND	3.32	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	24.01	20.78	ND	ND	3.23	NS	NS	NS	NS	NS	NS	NS	
	11/13/2014	24.01	21.66	ND	ND	2.35	NS	NS	NS	NS	NS	NS	NS	
	2/16/2015	24.01	20.80	ND	ND	3.21	NS	NS	NS	NS	NS	NS	NS	
5/12/2015	24.01	21.32	ND	ND	2.69	NS	NS	NS	NS	NS	NS	NS	Gauged only. Not sampled.	
MW-24	5/28/2009	27.60	29.07	ND	ND	-1.47	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	Well located in competent bedrock.
	8/11/2009	27.60	14.10	ND	ND	13.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/12/2009	27.60	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible - Construction.
	2/23/2010	27.60	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible - Construction.
	5/6/2010	27.60	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible.
	8/4/2010	27.60	14.38	ND	ND	13.22	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	27.60	14.78	ND	ND	12.82	ND<1.0	0.57	ND<1.0	ND<1.0	0.57	ND<1.0	ND<100	
	2/8/2011	27.60	14.03	ND	ND	13.57	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	5/26/2011	27.60	14.16	ND	ND	13.44	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	8/31/2011	27.60	14.08	ND	ND	13.52	ND<0.5	ND<0.5	ND<0.5	2	2	ND<0.5	ND<50	
	11/2/2011	27.60	14.16	ND	ND	13.44	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	2/16/2012	27.60	15.35	ND	ND	12.25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/11/2012	27.60	14.60	ND	ND	13.00	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	27.60	14.72	ND	ND	12.88	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	11/9/2012	27.60	14.60	ND	ND	13.00	NS	NS	NS	NS	NS	NS	NS	
	2/6/2013	27.60	14.37	ND	ND	13.23	NS	NS	NS	NS	NS	NS	NS	
	5/6/2013	27.60	14.44	ND	ND	13.16	NS	NS	NS	NS	NS	NS	NS	
	8/1/2013	27.60	14.50	ND	ND	13.10	NS	NS	NS	NS	NS	NS	NS	
	11/18/2013	27.60	14.89	ND	ND	12.71	NS	NS	NS	NS	NS	NS	NS	
	2/21/2014	27.60	13.92	ND	ND	13.68	NS	NS	NS	NS	NS	NS	NS	Gauged only
	5/2/2014	27.60	13.82	ND	ND	13.78	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	27.60	13.80	ND	ND	13.80	NS	NS	NS	NS	NS	NS	NS	
	11/13/2014	27.60	14.44	ND	ND	13.16	NS	NS	NS	NS	NS	NS	NS	
	2/16/2015	27.60	13.79	ND	ND	13.81	NS	NS	NS	NS	NS	NS	NS	
	5/12/2015	27.60	14.14	ND	ND	13.46	NS	NS	NS	NS	NS	NS	NS	Gauged only. Not sampled.
MW-25	5/28/2009	28.22	13.28	ND	ND	14.94	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	Well located in competent bedrock.
	8/11/2009	28.22	13.17	ND	ND	15.05	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/12/2009	28.22	13.59	ND	ND	14.63	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/23/2010	28.22	13.18	ND	ND	15.04	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	5/6/2010	28.22	13.29	ND	ND	14.93	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/4/2010	28.22	13.61	ND	ND	14.61	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	28.22	13.79	ND	ND	14.43	ND<1.0	ND<1.0	ND<1.0	0.38	BDL	ND<1.0	ND<100	

Table 1
Monitoring Well Gauging And Groundwater Analytical Data
February 20, 2008 Through May 12, 2015

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-25 (continued)	2/8/2011	28.22	13.12	ND	ND	15.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	5/26/2011	28.22	13.52	ND	ND	14.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	8/31/2011	28.22	13.28	ND	ND	14.94	ND<0.5	1	ND<0.5	3	4	ND<0.5	ND<50	
	11/2/2011	28.22	12.27	ND	ND	15.95	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	2/16/2012	28.22	13.61	ND	ND	14.61	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/11/2012	28.22	13.52	ND	ND	14.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	28.22	13.54	ND	ND	14.68	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	11/9/2012	28.22	13.02	ND	ND	15.20	NS	NS	NS	NS	NS	NS	NS	
	2/6/2013	28.22	13.54	ND	ND	14.68	NS	NS	NS	NS	NS	NS	NS	
	5/6/2013	28.22	13.43	ND	ND	14.79	NS	NS	NS	NS	NS	NS	NS	
	8/1/2013	28.22	13.61	ND	ND	14.61	NS	NS	NS	NS	NS	NS	NS	
	11/18/2013	28.22	13.63	ND	ND	14.59	NS	NS	NS	NS	NS	NS	NS	
	2/21/2014	28.22	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible under snow
	5/2/2014	28.22	12.86	ND	ND	15.36	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	28.22	13.45	ND	ND	14.77	NS	NS	NS	NS	NS	NS	NS	
	11/13/2014	28.22	13.72	ND	ND	14.50	NS	NS	NS	NS	NS	NS	NS	
	2/16/2015	28.22	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible under snow
	5/12/2015	28.22	13.42	ND	ND	14.80	NS	NS	NS	NS	NS	NS	NS	Gauged only. Not sampled.
MW-26	5/28/2009	25.01	23.30	ND	ND	1.71	0.89 J	0.56 J	ND<1.0	0.25 J	1.70 J	ND<1.0	ND<100	
	8/11/2009	25.01	21.78	ND	ND	3.23	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/12/2009	25.01	22.15	ND	ND	2.86	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/23/2010	25.01	22.07	ND	ND	2.94	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	5/6/2010	25.01	21.41	ND	ND	3.60	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/4/2010	25.01	22.03	ND	ND	2.98	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	25.01	22.37	ND	ND	2.64	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.1	ND<100	
	2/23/2011	25.01	22.19	ND	ND	2.82	ND<0.5	3 J	3 J	18	24 J	ND<0.5	ND<50	
	5/26/2011	25.01	21.52	ND	ND	3.49	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	8/31/2011	25.01	21.09	ND	ND	3.92	ND<0.5	ND<0.5	ND<0.5	0.6 J	0.6 J	ND<0.5	ND<50	
	11/2/2011	25.01	21.43	ND	ND	3.58	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<50	
	2/16/2012	25.01	22.41	ND	ND	2.60	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	5/11/2012	25.01	22.42	ND	ND	2.59	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Gauged on 5/10/2012
	8/14/2012	25.01	21.97	ND	ND	3.04	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	11/9/2012	25.01	22.25	ND	ND	2.76	NS	NS	NS	NS	NS	NS	NS	
	2/6/2013	25.01	22.21	ND	ND	2.80	NS	NS	NS	NS	NS	NS	NS	
	5/6/2013	25.01	22.82	ND	ND	2.19	NS	NS	NS	NS	NS	NS	NS	
	8/1/2013	25.01	21.82	ND	ND	3.19	NS	NS	NS	NS	NS	NS	NS	
	11/18/2013	25.01	22.82	ND	ND	2.19	NS	NS	NS	NS	NS	NS	NS	
	2/21/2014	25.01	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible under snow
	5/2/2014	25.01	21.80	ND	ND	3.21	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	8/5/2014	25.01	21.78	ND	ND	3.23	NS	NS	NS	NS	NS	NS	NS	
	11/13/2014	25.01	22.69	ND	ND	2.32	NS	NS	NS	NS	NS	NS	NS	
	2/16/2015	25.01	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible under snow
	5/12/2015	25.01	22.24	ND	ND	2.77	NS	NS	NS	NS	NS	NS	NS	Gauged only. Not sampled.

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Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-27	5/28/2009	23.87	22.17	ND	ND	1.70	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/11/2009	23.87	20.65	ND	ND	3.22	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/12/2009	23.87	21.02	ND	ND	2.85	0.47 J	0.91 J	ND<1.0	6.1	7.5 J	0.98 J	ND<100	
	2/23/2010	23.87	20.96	ND	ND	2.91	176	0.89 J	ND<1.0	117	294 J	138	ND<100	
	5/6/2010	23.87	20.29	ND	ND	3.58	1.6	ND<1.0	ND<1.0	ND<1.0	1.6	59.4	ND<100	
	8/4/2010	23.87	20.90	ND	ND	2.97	13.2	1.7	ND<1.0	6.3	21.2	55.3	ND<100	
	11/3/2010	23.87	21.24	ND	ND	2.63	13.1	0.50	ND<1.0	2.1	15.7	56.4	ND<100	
	2/23/2011	23.87	21.06	ND	ND	2.81	ND<0.5	ND<0.7	ND<0.8	1 J	1 J	33	ND<50	
	5/26/2011	23.87	20.39	ND	ND	3.48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	11	ND<50	
	8/31/2011	23.87	19.94	ND	ND	3.93	6	ND<0.5	ND<0.5	3	9	10	ND<50	
	11/2/2011	23.87	20.29	ND	ND	3.58	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	17	ND<50	
	2/16/2012	23.87	21.29	ND	ND	2.58	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	7	ND<200	
	5/11/2012	23.87	21.65	ND	ND	2.22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	7	ND<200	Gauged on 5/10/2012
	8/14/2012	23.87	20.82	ND	ND	3.05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	
	11/9/2012	23.87	21.13	ND	ND	2.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	8	ND<200	
	2/6/2013	23.87	21.07	ND	ND	2.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	4	ND<200	
	5/6/2013	23.87	21.85	ND	ND	2.02	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	1	NA	
	8/1/2013	23.87	20.70	ND	ND	3.17	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	
	11/18/2013	23.87	21.65	ND	ND	2.22	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.9 J	NA	
	2/21/2014	23.87	21.06	ND	ND	2.81	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.7 J	NA	
5/2/2014	23.87	20.66	ND	ND	3.21	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA		
8/5/2014	23.87	20.63	ND	ND	3.24	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA		
11/13/2014	23.87	21.54	ND	ND	2.33	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA		
2/16/2015	23.87	20.63	ND	ND	3.24	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA		
5/12/2015	23.87	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not sampled; could not locate.	
MW-28	6/30/2009	NSVD	24.02	ND	ND	NSVD	1.1 J	8.8	171	766	947 J	ND<2.0	ND<200	Located beneath adjacent building.
	11/12/2009	NSVD	NM	NM	NM	NM	0.50 J	0.43 J	4.6	22.8	28.3 J	11.2	216	
	2/23/2010	NSVD	NM	NM	NM	NM	ND<50	ND<50	ND<50	ND<50	BDL	61.0	ND<5,000	
	5/6/2010	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	103	ND<100	
	8/4/2010	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	101	ND<100	
	11/3/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	6.6	ND<100	
	2/8/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath adjacent building.
	8/31/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry therefore not sampled
	11/2/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	0.6 J	0.6 J	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	2/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	5/10/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	8/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	3	3	ND<0.5	ND<200	2" Not Gauged, sampled with Hi-Vac Unit 8/16/12
	11/9/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	2" Not Gauged, sampled with Hi-Vac Unit 11/9/12
	2/6/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit
	5/6/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit
	8/1/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit
11/18/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit	
2/21/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit	

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		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-28 (continued)	5/2/2014	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry therefore not sampled
	8/5/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit
	11/13/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit
	2/16/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry therefore not sampled
	5/12/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged; Not Sampled
MW-29	6/30/2009	NSVD	23.78	ND	ND	NSVD	ND<1.0	ND<1.0	2.7	3.8	6.5	ND<1.0	ND<100	Located beneath adjacent building.
	11/12/2009	NSVD	NM	NM	NM	NM	7.4	ND<5.0	ND<5.0	4.5 J	11.9 J	83.9	ND<500	Located beneath adjacent building.
	2/23/2010	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	1.7 J	1.7 J	109	ND<500	Located beneath adjacent building.
	5/6/2010	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	34.9	ND<100	Located beneath adjacent building.
	8/4/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	3.8	ND<100	Located beneath adjacent building.
	11/3/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	62.6	ND<100	Located beneath adjacent building.
	2/8/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	73	ND<200	Located beneath crawl space of adjacent building.
	8/31/2011	NSVD	NM	NM	NM	NM	77	490	76	450	1,093	13	19,000	Located beneath crawl space of adjacent building.
	11/2/2011	NSVD	NM	NM	NM	NM	0.5 J	ND<0.5	ND<0.5	0.6 J	1.1 J	39	ND<200	Located beneath crawl space of adjacent building.
	2/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	39	ND<200	Located beneath crawl space of adjacent building.
	5/10/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	14	ND<200	Located beneath crawl space of adjacent building.
	8/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	6	ND<200	Not Gauged, sampled with Hi-Vac Unit 8/16/12
	11/9/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	1	ND<200	Not Gauged, sampled with Hi-Vac Unit 11/9/12
	2/6/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not Gauged, sampled with Hi-Vac Unit
	5/6/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not Gauged, sampled with Hi-Vac Unit
	8/1/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged, unable to sample with Hi-Vac Unit
	11/18/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged, unable to sample with Hi-Vac Unit
	2/21/2014	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged, unable to sample with Hi-Vac Unit
	5/2/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not Gauged, sampled with Hi-Vac Unit
8/5/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, unable to sample with Hi-Vac Unit	
11/13/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, unable to sample with Hi-Vac Unit	
2/16/2015	NSVD	NM	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry therefore not sampled
5/12/2015	NSVD	NM	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged; Not Sampled
MW-30	7/1/2009	NSVD	23.59	ND	ND	NSVD	8.4	ND<1.0	1.3	0.72 J	10.4 J	ND<1.0	NA	Located beneath crawl space of adjacent building.
	11/12/2009	NSVD	NM	NM	NM	NM	38.3	5.0	19.1	75.9	138.3	58.5	ND<500	Located beneath crawl space of adjacent building.
	2/23/2010	NSVD	NM	NM	NM	NM	ND<1.0	1.0	ND<1.0	0.39 J	1.4 J	2.3	ND<100	Located beneath crawl space of adjacent building.
	5/6/2010	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	68.0	ND<100	Located beneath crawl space of adjacent building.
	8/4/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	79.8	ND<100	Located beneath crawl space of adjacent building.
	11/3/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	5.2	ND<100	Located beneath crawl space of adjacent building.
	2/8/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Located beneath crawl space of adjacent building; No water recovery
	8/31/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.8 J	ND<200	Located beneath crawl space of adjacent building.
	11/2/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	2/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	5/10/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	8/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not Gauged, sampled with Hi-Vac Unit 8/16/12
	11/9/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	4	4	ND<0.5	ND<200	Not Gauged, sampled with Hi-Vac Unit 11/9/12
	2/6/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit

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February 20, 2008 Through May 12, 2015

Mobil Branded Service Station
Former Mobil #12827 (17-QDM)
150-54 West 145th Street
New York, New York

		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-30 (continued)	5/6/2013	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	8/1/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not gauged, unable to sample with Hi-Vac Unit
	11/18/2013	NSVD	NM	NM	NM	NM	ND<0.5	1 J	310	470	781 J	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	2/21/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	5/2/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	8/5/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	2/16/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry therefore not sampled
5/12/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Not Gauged; Not Sampled
MW-31	7/1/2009	NSVD	24.93	ND	ND	NSVD	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	NA	
	11/12/2009	NSVD	NM	NM	NM	NM	ND<50	ND<50	ND<50	ND<50	BDL	ND<50	ND<5,000	
	2/23/2010	NSVD	NM	NM	NM	NM	ND<25	ND<25	ND<25	ND<25	BDL	ND<25	ND<2,500	
	5/6/2010	NSVD	NM	NM	NM	NM	ND<10	ND<10	ND<10	ND<10	BDL	ND<10	ND<100	
	8/4/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	2/8/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	8/31/2011	NSVD	NM	NM	NM	NM	18	97	18	82	215	ND<0.5	6,300	Located beneath crawl space of adjacent building.
	11/2/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	2/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	5/10/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	8/16/2012	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged or Sampled. Could not extract water with Hi-Vac unit
	11/9/2012	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	2/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	5/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	8/1/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	11/18/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	2/21/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	5/2/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
8/5/2014	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged	
2/16/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged	
MW-32	6/30/2009	NSVD	23.67	ND	ND	NSVD	ND<1.0	ND<1.0	0.93 J	4.0	4.9 J	ND<1.0	ND<100	
	11/12/2009	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	ND<5.0	ND<500	
	2/23/2010	NSVD	NM	NM	NM	NM	ND<10	ND<10	ND<10	ND<10	BDL	ND<10	ND<1,000	
	5/6/2010	NSVD	NM	NM	NM	NM	ND<20	ND<20	ND<20	ND<20	BDL	ND<20	ND<100	
	8/4/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	11/3/2010	NSVD	NM	NM	NM	NM	ND<1.0	0.54	ND<1.0	0.83	1.37	ND<100	ND<100	
	2/8/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Located beneath crawl space of adjacent building; No water recovery
	8/31/2011	NSVD	NM	NM	NM	NM	8	49	7	46	110	ND<0.5	12,000	
	11/2/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Located beneath crawl space of adjacent building; No water recovery
	2/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	3	ND<200	Located beneath crawl space of adjacent building.
	5/10/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	8/16/2012	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged or Sampled. Could not extract water with Hi-Vac unit
	11/9/2012	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged or Sampled

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		Gauging Data					Analytical Data							
Sample ID	Date	Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-32 (continued)	2/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged or Sampled
	5/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged or Sampled
	8/1/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	11/18/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	2/21/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	5/2/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	8/5/2014	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
2/16/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged	
MW-34	7/1/2009	NSVD	24.25	ND	ND	NSVD	ND<1.0	0.37 J	ND<1.0	ND<1.0	0.37 J	ND<1.0	NA	Located beneath adjacent building.
	11/12/2009	NSVD	NM	NM	NM	NM	ND<25	ND<25	ND<25	ND<25	BDL	ND<25	ND<2,500	
	2/23/2010	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	ND<5.0	ND<500	
	5/6/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/4/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	1.8	ND<100	
	11/3/2010	NSVD	NM	NM	NM	NM	ND<1.0	0.33	ND<1.0	0.63	0.96	14.7	ND<100	
	2/8/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.7 J	ND<200	No water recovery
	8/31/2011	NSVD	NM	NM	NM	NM	ND<0.5	0.8 J	ND<0.5	0.7 J	0.15 J	ND<0.5	ND<200	
	11/2/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	0.6 J	0.6 J	3	ND<200	Located beneath crawl space of adjacent building.
	2/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	5/10/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	8/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit on 8/16/2012
	11/9/2012	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged, Not Sampled
	2/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged, Not Sampled
	5/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged, Not Sampled
	8/1/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	11/18/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	2/21/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	5/2/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	8/5/2014	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	2/16/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
MW-35	7/1/2009	NSVD	24.30	ND	ND	NSVD	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	NA	Located beneath adjacent building.
	11/12/2009	NSVD	NM	NM	NM	NM	ND<5.0	ND<5.0	ND<5.0	ND<5.0	BDL	ND<5.0	ND<500	
	2/23/2010	NSVD	NM	NM	NM	NM	ND<25	ND<25	ND<25	ND<25	BDL	ND<25	ND<2,500	
	5/6/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	ND<1.0	ND<100	
	8/4/2010	NSVD	NM	NM	NM	NM	ND<1.0	ND<1.0	ND<1.0	ND<1.0	BDL	1.3	ND<100	
	11/3/2010	NSVD	NM	NM	NM	NM	0.79	ND<1.0	ND<1.0	ND<1.0	0.79	1.3	ND<100	
	2/8/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	5/26/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry; therefore not sampled
	8/31/2011	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry; therefore not sampled
	11/2/2011	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	0.6 J	ND<200	Located beneath crawl space of adjacent building.
	2/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Located beneath crawl space of adjacent building.
	5/10/2012	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	No water recovery
	8/16/2012	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	ND<200	Not gauged, sampled with Hi-Vac Unit on 8/16/2012
	11/9/2012	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged, Not Sampled

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		Gauging Data					Analytical Data							
		Top of Casing Elevation	Depth to Water (feet) TOC	Depth to Hydro-carbon (feet) TOC	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet) amsl	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Ethanol (µg/L)	
Sample ID	Date													Comments
NYSDEC Standards		N/A	N/A	N/A	N/A	N/A	1	5	5	5	~	~	~	
NYSDEC Guidance Values		N/A	N/A	N/A	N/A	N/A	~	~	~	~	~	10	~	
MW-35 (continued)	2/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged, Not Sampled
	5/6/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Gauged, Not Sampled
	8/1/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	11/18/2013	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
	2/21/2014	NSVD	NM	NM	NM	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	BDL	ND<0.5	NA	Not gauged, sampled with Hi-Vac Unit
	5/2/2014	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry; therefore not sampled
	8/5/2014	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Dry; therefore not sampled
	2/16/2015	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	Not Sampled, Not gauged
RW-1	8/4/2010	NSVD	17.57	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	
	11/3/2010	NSVD	17.93	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	

Notes:

~ - no standard or guidance value exists

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

µg/L - micrograms per liter

amsl - above mean sea level

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

BDL - Below laboratory reporting limits

BTEX - Benzene, toluene, ethylbenzene, and total xylenes

Corrected GW elevation - calculated with following formula:

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

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

GW - Groundwater

Hydrocarbon - liquid-phase hydrocarbon (LPH)

J - Indicates an estimated value

MTBE - methyl tertiary-butyl ether

N/A - Not applicable

NA - Not analyzed

ND - Not detected

NM - Not monitored

NS - Not sampled

NSVD - Not surveyed to vertical datum

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

TOC - Top of Casing

Total Xylenes - summation of o-xylene and m & p-xylenes

Appendix A

Laboratory Analytical Report -
Groundwater

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

ARCADIS
Suite 600
630 Plaza Drive
Highlands Ranch CO 80129

May 26, 2015

Project: 12827Submittal Date: 05/14/2015
Group Number: 1561282
PO Number: B0085849.2827
Release Number: PM: OERTLING
State of Sample Origin: NY

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-1 (5-12-15) Water	7888445
MW-2 (5-12-15) Water	7888446
MW-3 (5-12-15) Water	7888447
MW-4 (5-12-15) Water	7888448
MW-5 (5-12-15) Water	7888449
MW-6A (5-12-15) Water	7888450
MW-7 (5-12-15) Water	7888451
MW-9A (5-12-15) Water	7888452
MW-10 (5-12-15) Water	7888453
MW-11 (5-12-15) Water	7888454
MW-18 (5-12-15) Water	7888455
MW-20 (5-12-15) Water	7888456
Trip Blank (5-12-15) Water	7888457

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

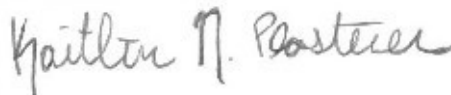
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ARCADIS
ARCADIS

Attn: Jerome Oertling

Attn: Richard Hatch

Respectfully Submitted,



Kaitlin N. Plasterer
Specialist

(717) 556-7323

Sample Description: MW-1 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888445
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 09:50 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

MAN01

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	12	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	3	0.5	1	1
13130	Xylene (Total)	1330-20-7	300	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 15:33	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 15:33	Brett W Kenyon	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-2 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888446
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 11:50 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

02MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	76	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	0.8 J	0.5	1	1
13130	Xylene (Total)	1330-20-7	230	0.5	1	1
GC	Miscellaneous	SW-846 8015D Rev.4, June 2003	ug/l	ug/l	ug/l	
10603	Ethanol	64-17-5	< 200	200	1,000	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 15:55	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 15:55	Brett W Kenyon	1
10603	8015D Ethanol	SW-846 8015D Rev.4, June 2003	1	151420026A	05/22/2015 20:20	Tyler O Griffin	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-3 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888447
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 12:10 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

03MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	2	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1
GC	Miscellaneous	SW-846 8015D Rev.4, June 2003	ug/l	ug/l	ug/l	
10603	Ethanol	64-17-5	< 200	200	1,000	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 16:17	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 16:17	Brett W Kenyon	1
10603	8015D Ethanol	SW-846 8015D Rev.4, June 2003	1	151420026A	05/22/2015 21:11	Tyler O Griffin	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-4 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888448
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 12:30 by NC

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Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

04MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 16:39	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 16:39	Brett W Kenyon	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-5 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888449
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 10:10 by NC

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Submitted: 05/14/2015 09:10

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Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

05MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	4	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1
GC	Miscellaneous	SW-846 8015D Rev.4, June 2003	ug/l	ug/l	ug/l	
10603	Ethanol	64-17-5	< 200	200	1,000	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 17:01	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 17:01	Brett W Kenyon	1
10603	8015D Ethanol	SW-846 8015D Rev.4, June 2003	1	151420026A	05/22/2015 21:28	Tyler O Griffin	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-6A (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888450
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 12:50 by NC

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Submitted: 05/14/2015 09:10

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Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

MAN6A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	5	0.5	1	1
13130	Xylene (Total)	1330-20-7	750	3	5	5

A preserved vial was submitted for analysis. However, the pH at the time of analysis was 7.

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 19:12	Brett W Kenyon	5
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151431AA	05/23/2015 07:51	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 19:12	Brett W Kenyon	5
01163	GC/MS VOA Water Prep	SW-846 5030C	2	F151431AA	05/23/2015 07:51	Anita M Dale	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-7 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888451
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 11:10 by NC

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Submitted: 05/14/2015 09:10

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Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

07MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 17:22	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 17:22	Brett W Kenyon	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-9A (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888452
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 11:30 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

MAN9A

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	1	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	7	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	F151391AA	05/19/2015 17:44	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	F151391AA	05/19/2015 17:44	Brett W Kenyon	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-10 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888453
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 10:50 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

10MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	P151391AA	05/19/2015 12:54	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P151391AA	05/19/2015 12:54	Amanda K Richards	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-11 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888454
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 10:40 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

11MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	P151391AA	05/19/2015 13:14	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P151391AA	05/19/2015 13:14	Amanda K Richards	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-18 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888455
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 11:20 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

18MAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	12	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	23	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	P151391AA	05/19/2015 13:34	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P151391AA	05/19/2015 13:34	Amanda K Richards	1

*=This limit was used in the evaluation of the final result

Sample Description: MW-20 (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888456
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015 10:30 by NC

ARCADIS

Suite 600

Submitted: 05/14/2015 09:10

630 Plaza Drive

Reported: 05/26/2015 15:43

Highlands Ranch CO 80129

MAN20

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	0.6 J	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	P151391AA	05/19/2015 13:55	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P151391AA	05/19/2015 13:55	Amanda K Richards	1

*=This limit was used in the evaluation of the final result

Sample Description: Trip Blank (5-12-15) Water
12827
150-54 West 145th Street - Manhattan, NY

LL Sample # WW 7888457
LL Group # 1561282
Account # 13045

Project Name: 12827

Collected: 05/12/2015

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Submitted: 05/14/2015 09:10

Suite 600

Reported: 05/26/2015 15:43

630 Plaza Drive

Highlands Ranch CO 80129

TBMAN

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.5	0.5	1	1
13130	Ethylbenzene	100-41-4	< 0.5	0.5	1	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.5	0.5	1	1
13130	Toluene	108-88-3	< 0.5	0.5	1	1
13130	Xylene (Total)	1330-20-7	< 0.5	0.5	1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	P151391AA	05/19/2015 12:34	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P151391AA	05/19/2015 12:34	Amanda K Richards	1

*=This limit was used in the evaluation of the final result

Quality Control SummaryClient Name: ARCADIS
Reported: 05/26/2015 15:43

Group Number: 1561282

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: F151391AA	Sample number(s): 7888445-7888452								
Benzene	< 0.5	0.5	1	ug/l	88	91	78-120	4	30
Ethylbenzene	< 0.5	0.5	1	ug/l	90	91	80-120	1	30
Methyl Tertiary Butyl Ether	< 0.5	0.5	1	ug/l	90	93	75-120	2	30
Toluene	< 0.5	0.5	1	ug/l	91	93	80-120	2	30
Xylene (Total)	< 0.5	0.5	1	ug/l	90	93	80-120	3	30
Batch number: F151431AA	Sample number(s): 7888450								
Benzene	< 0.5	0.5	1	ug/l	98		78-120		
Ethylbenzene	< 0.5	0.5	1	ug/l	95		80-120		
Methyl Tertiary Butyl Ether	< 0.5	0.5	1	ug/l	98		75-120		
Toluene	< 0.5	0.5	1	ug/l	98		80-120		
Batch number: P151391AA	Sample number(s): 7888453-7888457								
Benzene	< 0.5	0.5	1	ug/l	87	90	78-120	4	30
Ethylbenzene	< 0.5	0.5	1	ug/l	86	91	80-120	5	30
Methyl Tertiary Butyl Ether	< 0.5	0.5	1	ug/l	83	86	75-120	3	30
Toluene	< 0.5	0.5	1	ug/l	84	89	80-120	5	30
Xylene (Total)	< 0.5	0.5	1	ug/l	87	92	80-120	5	30
Batch number: 151420026A	Sample number(s): 7888446-7888447, 7888449								
Ethanol	< 200	200.	1,000	ug/l	100		80-115		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: F151431AA	Sample number(s): 7888450 UNSPK: P895543								
Benzene	100	101	72-134	1	30				
Ethylbenzene	98	98	71-134	0	30				
Methyl Tertiary Butyl Ether	97	97	72-126	0	30				
Toluene	101	98	80-125	3	30				
Batch number: 151420026A	Sample number(s): 7888446-7888447, 7888449 UNSPK: 7888446								
Ethanol	106	102	74-117	3	20				

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ARCADIS
Reported: 05/26/2015 15:43

Group Number: 1561282

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: UST VOCs BTEX/MTBE 8260

Batch number: F151391AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7888445	97	102	99	95
7888446	97	98	98	94
7888447	98	96	99	90
7888448	97	102	97	89
7888449	97	100	97	89
7888451	99	99	99	90
7888452	98	96	98	90
Blank	96	100	100	90
LCS	96	98	99	96
LCSD	98	102	99	95
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs BTEX/MTBE 8260

Batch number: F151431AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7888450	96	97	101	101
Blank	97	99	99	91
LCS	98	100	99	94
MS	96	98	98	94
MSD	96	101	96	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs BTEX/MTBE 8260

Batch number: P151391AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7888453	102	97	99	98
7888454	102	97	100	97
7888455	102	98	98	99
7888456	102	100	99	98
7888457	103	99	99	98
Blank	104	99	99	98
LCS	103	100	99	97
LCSD	102	102	99	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8015D Ethanol

Batch number: 151420026A

Acetone

7888446	99
7888447	99
7888449	100
Blank	96
LCS	97
MS	99
MSD	98
Limits:	71-127

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ARCADIS

Group Number: 1561282

Reported: 05/26/2015 15:43

*- Outside of specification

**-This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Reg Due Date (mm/dd/yy): ASAP- Standard Rush TAT: Yes No ☒

Lab Work Order Number:

Arcadis/Exxon

[illegible]

13045 1561282 7888445-57

Page 2 of 2**Arcadis/Exxon**Req Due Date (mm/dd/yy): ASAP- Standard Rush TAT: Yes No x
Lab Work Order Number:

Lab Name: Lancaster	Site Number: 12827	Consultant/Contractor: EnviroTrac Ltd.
Lab Address: 2425 New Holland Pike	Facility Address: 150-54 West 145th Street	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	City, State, ZIP Code: Manhattan, NY	Address: 5 Old Dock Road, Yaphank, New York 11980
Lab Phone: (717) 656-2300 ext 1815	Lead Regulatory Agency: NYSDEC	Consultant/Contractor PM: Sue Russo
Lab Shipping Acct:	Invoice to: ****BILL ARCADIS****	Phone: 631-924-3001
Lab Bottle Order No:		Email EDD To: Jerome Oertling
Other Info:		

Arcadis PM: Jerome Oertling				Matrix			No. Containers / Preservative							Requested Analyses												Report Type & QC Level				
PM Phone:																										Standard <u>x</u>				
PM Email:																										Full Data Package				
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTEX/MTBE 8260	Ethanol 8015															Comments	
	MW-20	5/12/15	10:30		X		3				X		X																	
	MW-27	5/12/15			X		3				X		X																	No Sample NC
	MW-28	5/12/15			X		5				X		X	x																No Sample NC
	MW-29	5/12/15			X		3				X		X																	No Sample NC
	MW-30	5/12/15			X		3				X		X																	No Sample NC
	Trip Blank	5/12/15	N/A		x		2				x		x																	

Sampler's Name: Nick Carroll	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: ENVIROTRAC LTD.	Nick Carroll / ETNY	5/12/15	4:00	Donna Amosato	5/13/15	9:15
Shipment Method: FEDEX	Ship Date: 5/13/15	Donna Amosato	5/13/15	9:00		
Shipment Tracking No:				4205 / ELLE	5/14/15	9:10

Special Instructions:						
THIS LINE - LAB USE ONLY: Custody Seals In Place: <u>(Yes)</u> / No Temp Blank: <u>(Yes)</u> / No Cooler Temp on Receipt: <u>2.9</u> °F <u>(C)</u> Trip Blank: <u>(Yes)</u> / No MS/MSD Sample Submitted: Yes / <u>(No)</u>						

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value $\geq$ the Method Detection Limit (MDL or DL) and the $<$ Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column $>40\%$. The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column $>100\%$. The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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