



Antea USA, Inc.
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Valhalla, New York 10595 USA
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October 29, 2014

Mrs. Rui Jun Feng
NYSDEC Region 2
Hunters Point Plaza
47-40 21st Street – 2nd Floor
Long Island City, NY 11101-5401

**Re: Ground Water Monitoring Report – Third Quarter 2014
NYSDEC Spill Number 97-13442
BP Station Number 03887
164 4th Ave.
Brooklyn, Kings County, New York**

Dear Mrs. Feng:

Antea Group has prepared the enclosed Ground Water Monitoring Report on behalf of Atlantic Richfield Company (Atlantic Richfield), a BP-affiliated company. The report details ground water monitoring results from the above-referenced work site. Ground water samples were collected on August 8, 2014.

The site is on a quarterly monitoring schedule. The next sampling event is scheduled for the month of November 2014.

Should you have any questions or comments, please do not hesitate to contact me at 914.495.9937.

Sincerely,

Antea Group

A handwritten signature in blue ink, appearing to read "Chris Meyer", written over the printed name.

Christopher Meyer
Senior Project Manager

Encl. Ground Water Monitoring Report – Third Quarter 2014

Cc: Nicholas Onufrak - Atlantic Richfield Company
Roe Wiczak
Kevin Kleaka- Impact Environmental Consulting, Inc.

BP STATION NUMBER 03887
GROUND WATER MONITORING REPORT
(Third Quarter 2014)

Prepared For: Atlantic Richfield Company
Prepared By: Antea Group
Report Date: 10/29/2014

GROUND WATER GAUGING AND SAMPLING METHODS

During this ground water monitoring event, the monitoring wells were gauged for depth to ground water and for the presence of light non-aqueous phase liquid (LNAPL). The depth to ground water and presence of LNAPL, if any, were gauged using an oil/water interface probe capable of measuring to the nearest 0.01 foot. The ground water level measurements were converted to ground water elevations using top of monitoring well casing elevations. Top of casing elevations were referenced to an arbitrary, on-site datum. Ground water elevations were corrected for the presence of LNAPL, as appropriate, using a reference value for LNAPL specific gravity of 0.75.

Prior to sampling, the volume of water contained within each monitoring well was calculated using the well diameter and water column height. Whenever possible, a volume of ground water equivalent to at least three well volumes was purged from each monitoring well using a disposable polyethylene bailer and/or a mechanical pump with dedicated polyethylene tubing. Dedicated polyethylene bailers were used to collect the ground water samples. The samples were poured from the bailers into dedicated laboratory-supplied glassware. The glassware was then placed into a cooler and maintained at a temperature of less than 4-degrees Celsius during transportation to the laboratory.

The ground water samples were forwarded with a trip blank and under chain-of-custody procedures to Eurofins Lancaster Laboratories (Lancaster) of Lancaster, Pennsylvania. Lancaster is a New York State Department of Health-certified laboratory (Certification Number 10670). The ground water samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) in accordance with United States Environmental Protection Agency (USEPA) Method 8260.

GROUND WATER GAUGING AND SAMPLING RESULTS

The location of the subject site is shown on the Site Location Map, Figure 1. Data collected during well gauging activities is summarized in Table 1, while ground water elevation contours calculated using the corrected water level elevations are illustrated in Figure 2. Hydrographs depicting historical ground water elevation data for representative monitoring wells are included in Figure 3.

Ground water analytical results from the samples collected during this reporting period are summarized in Table 1 and plotted on Figure 2. The laboratory analytical report is provided as Appendix A.

Historical ground water analytical data are also provided in Table 1 for reference, and hydrograph trends for selected wells are depicted on Figure 3.

CONCLUSIONS AND RECOMMENDATIONS

Concentrations of BTEX and MTBE in excess of applicable TOGS WQS (Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values) were detected in ground water samples collected during this ground water monitoring event. Antea Group intends to continue ground water monitoring at the subject site.

ATTACHMENTS

Figures:	Figure 1	Site Location Map
	Figure 2	Site Ground Water Contour/Analyte Concentration Map
	Figure 3	Ground Water Elevation Trend Chart
Tables:	Table 1	Ground Water Gauging and Analytical Data
Appendices:	Appendix A	Laboratory Analytical Results Report – August 8, 2014

LIMITATIONS

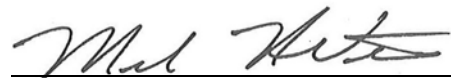
The recommendations contained in this report represent Antea Group's professional opinions based upon currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Antea Group and its client outlines the scope of work and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group's Client and anyone else specifically listed on this report. Antea Group will not and cannot be liable for unauthorized reliance by any other party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

Prepared by:



Steve Cutignola
Staff Professional

Reviewed by:



Mark Hutson
Project Manager

Figures



MAP BASED ON USGS 7.5 MINUTES SERIES TOPOGRAPHIC MAP
 BROOKLYN, NEW YORK QUADRANGLE
 DATE: 1967 REVISED 1979

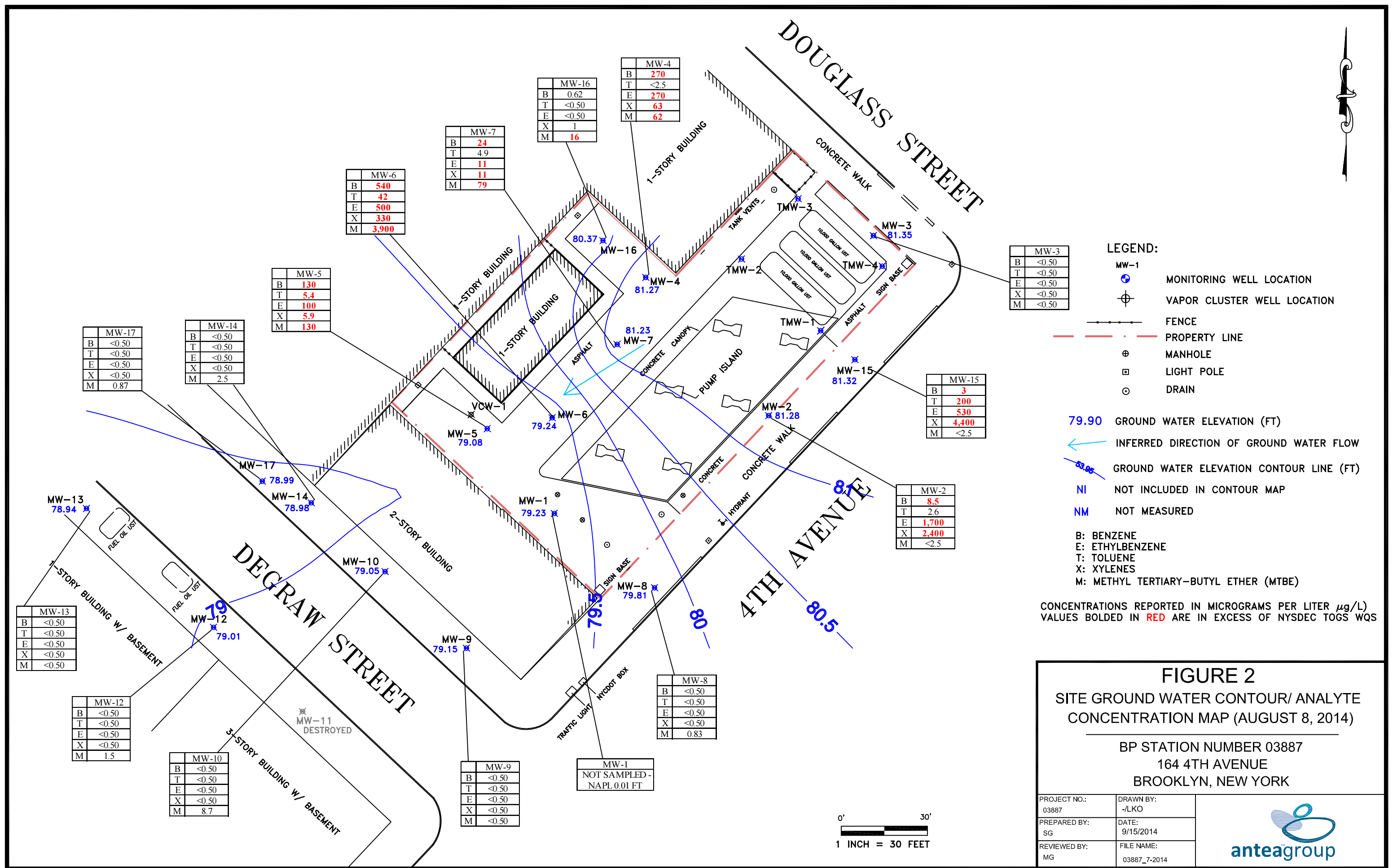
FIGURE 1

SITE LOCATION MAP

BP SERVICE STATION NUMBER 3887
 164 4TH AVENUE
 BROOKLYN, NEW YORK

PROJECT NO.: G02JF-RP50	DRAWN BY: SCJ
PREPARED BY: DS	DATE: 2/21/05
FILE NAME: SLOC	REVIEWED BY: PZM





MW-17	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	0.87

MW-14	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	2.5

MW-5	
B	130
T	5.4
E	100
X	5.9
M	130

MW-6	
B	540
T	42
E	500
X	330
M	3,900

MW-7	
B	24
T	4.9
E	11
X	11
M	79

MW-16	
B	0.62
T	<0.50
E	<0.50
X	1
M	16

MW-4	
B	270
T	<2.5
E	270
X	63
M	62

MW-3	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	<0.50

MW-15	
B	3
T	200
E	530
X	4,400
M	<2.5

MW-2	
B	8.5
T	2.6
E	1,700
X	2,400
M	<2.5

MW-8	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	0.83

MW-13	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	<0.50

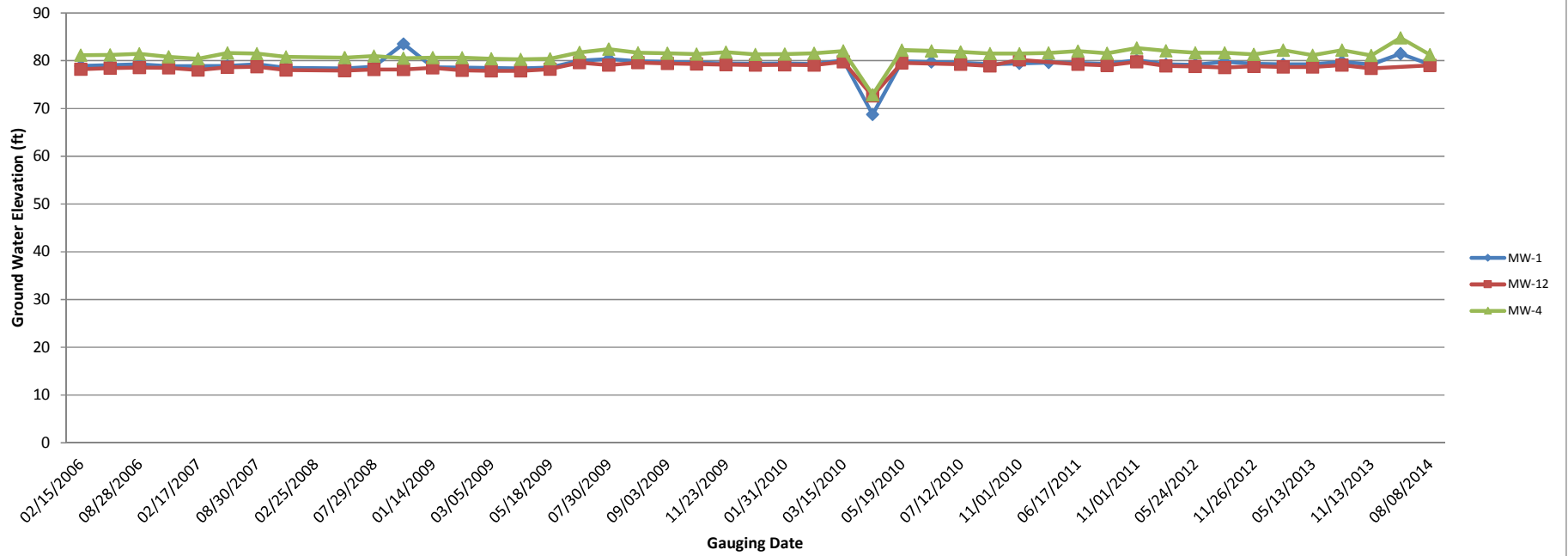
MW-12	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	1.5

MW-10	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	8.7

MW-9	
B	<0.50
T	<0.50
E	<0.50
X	<0.50
M	<0.50

MW-1	
NOT SAMPLED - NAPL 0.01 FT	

Figure 3
GROUND WATER HYDROGRAPH
BP Station No. 3887
164 4th Avenue
Brooklyn, NY



Tables

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
BP Station Number 03887
164 4th Ave
Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-1	06/28/2000	98.07	20.37	NP	NP	77.7		103.0	289	287	1,330	2,009	1,430
MW-1	09/10/2001	98.07	20.47	NP	NP	77.6		129	254	253	989	1,625	594
MW-1	02/27/2002	98.07	20.84	NP	NP	77.23		76.8	163	226	701	1,167	296
MW-1	08/08/2002	98.07	20.50	NP	NP	77.57		60.6	89	123	444	717	229
MW-1	12/04/2002	98.07	20.36	NP	NP	77.71		165	197	278	886	1,526	554
MW-1	03/26/2003	98.07	19.99	NP	NP	78.08		115	161	285	779	1,340	624
MW-1	05/15/2003	98.07	20.01	NP	NP	78.06		127	223	325	1,050	1,725	647
MW-1	09/04/2003	98.07	18.96	NP	NP	79.11		76.7	96.2	138	403	714	309
MW-1	12/17/2003	98.07	18.96	NP	NP	79.11		70.0	127	185	542	924	114
MW-1	02/11/2004	98.07	19.44	NP	NP	78.63		75.5	115	250	716	1,157	156
MW-1	05/18/2004	98.07	19.40	NP	NP	78.67		52.6	76.8	197	540	866	70.8
MW-1	08/18/2004	98.07	18.78	NP	NP	79.29		64.1	94.2	229	787	1,174	206
MW-1	11/23/2004	98.07	19.43	NP	NP	78.64		85.6	80.1	215	481	862	166
MW-1	02/15/2005	98.07	19.51	NP	NP	78.56		79.3	80.6	213	442	815	159
MW-1	05/12/2005	98.07	19.51	NP	NP	78.56		Gauged Only					
MW-1	05/27/2005	98.07	Sampled Only					89.3	80.2	260	539	969	248
MW-1	09/07/2005	98.07	19.73	NP	NP	78.34		80.7	49.0	156	265	551	254
MW-1	11/15/2005	98.07	19.11	NP	NP	78.96		530	2,850	297	801	4,478	291
MW-1	02/15/2006	98.07	19.16	NP	NP	78.91		658	3,770	613	1,910	6,951	73.0
MW-1	06/06/2006	98.07	19.02	NP	NP	79.05		682	1,990	712	2,280	5,664	49.3
MW-1	08/28/2006	98.07	18.83	NP	NP	79.24		703	1,620	842	2,490	5,655	42.9

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 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-1	11/27/2006	98.07	19.23	NP	NP	78.84		379	261	388	350	1,378	118
MW-1	02/17/2007	98.07	No Access					No Access					
MW-1	05/11/2007	98.07	19.11	NP	NP	78.96		241	118	218	126	703	87.9
MW-1	08/30/2007	98.07	18.83	NP	NP	79.24		19.2	5.3	4.8	19.7	49.0	58.5
MW-1	11/21/2007	98.07	19.58	NP	NP	78.49		42.4	8.7	22.7	32.5	106	51.6
MW-1	02/25/2008	98.07	No Access					No Access					
MW-1	05/29/2008	98.07	19.71	NP	NP	78.36		200	47	260	350	857	120
MW-1	07/29/2008	98.07	19.31	NP	NP	78.76		120	40	150	100	410	170
MW-1	11/17/2008	98.07	14.53	NP	NP	83.54		140	190	210	370	910	74
MW-1	01/14/2009	98.07	19.44	NP	NP	78.63		Gauged Only					
MW-1	02/06/2009	98.07	19.50	NP	NP	78.57		170	190	330	790	1,480	45
MW-1	03/05/2009	98.07	No Access- Snow Cover					Gauged Only					
MW-1	04/01/2009	98.07	19.63	NP	NP	78.44		Gauged Only					
MW-1	05/18/2009	98.07	19.52	NP	NP	78.55		240	46	390	580	1,256	52
MW-1	06/30/2009	99.14	19.14	NP	NP	80.00		Gauged Only					
MW-1	07/30/2009	99.14	18.76	NP	NP	80.38		Gauged Only					
MW-1	08/06/2009	99.14	19.24	NP	NP	79.90		180	29	270	190	669	92
MW-1	09/03/2009	99.14	19.39	NP	NP	79.75		Gauged Only					
MW-1	10/13/2009	99.14	19.54	NP	NP	79.60		Gauged Only					
MW-1	11/23/2009	99.14	19.69	NP	NP	79.45		300	58	380	300	1,038	470
MW-1	12/08/2009	99.14	19.76	NP	NP	79.38		Gauged Only					

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BP Station Number 03887
164 4th Ave
Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-1	01/31/2010	99.14	19.71	NP	NP	79.43		Gauged Only					
MW-1	02/09/2010	99.14	19.80	NP	NP	79.34		260	57	390	450	1,157	340
MW-1	03/15/2010	99.14	19.06	NP	NP	80.08		210	140	520	850	1,720	66
MW-1	04/08/2010	99.14	30.41	NP	NP	68.73		Gauged Only					
MW-1	05/19/2010	99.14	19.26	NP	NP	79.88		1.1	0.62 J	0.58 J	0.83 J	3.13	7.9
MW-1	06/02/2010	99.14	19.42	NP	NP	79.72		Gauged Only					
MW-1	07/12/2010	99.14	19.57	NP	NP	79.57		Gauged Only					
MW-1	08/18/2010	99.14	19.88	NP	NP	79.26		140	56	120	110	426	680
MW-1	11/01/2010	99.14	19.70	NP	NP	79.44		180	420	350	530	1,480	70
MW-1	02/14/2011	99.14	19.52	NP	NP	79.62		240	590	400	1,000	2,230	130
MW-1	06/17/2011	99.14	19.60	NP	NP	79.54	5.25**	210	170	360	890	1,630	58
MW-1	08/01/2011	99.14	19.83	NP	NP	79.31	5.25**	180	110	290	660	1,240	61
MW-1	11/01/2011	99.14	19.05	NP	NP	80.09	5.55	210	190	400	980	1,780	54
MW-1	02/14/2012	99.14	19.88	NP	NP	79.26	5.00	180	100	350	730	1,360	31
MW-1	05/24/2012	99.14	20	NP	NP	79.14	5.00	37	14	86	96	233	14
MW-1	08/27/2012	99.14	19.36	NP	NP	79.78	7.00	140	62	230	460	892	20
MW-1	11/26/2012	99.14	19.76	NP	NP	79.38	5.00	110	370	260	590	1,330	10
MW-1	02/15/2013	99.14	19.9	NP	NP	79.24	5.00	130	630	370	910	2,040	8.1
MW-1	05/13/2013	99.14	19.88	NP	NP	79.26	5.00	120	780	340	960	2,200	6.4
MW-1	08/27/2013	99.14	19.35	NP	NP	79.79	5.25	85	380	410	1,000	1,875	4.4 J
MW-1	11/13/2013	99.14	19.96	NP	NP	79.18	5.00	2.7	6.5	35	38	82.2	2.7

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-1	02/25/2014	99.14	17.92	17.55	0.37	81.50	NM	Not sampled - 0.37 ft of NAPL					
MW-1	05/30/2014	99.14	19.88	NP	NP	79.26	NM	65	230	380	1100	1,775	9.6
MW-1	08/08/2014	99.14	19.91	NP	NP	79.23	NM	Not Sampled - 0.01 ft of NAPL					
MW-2	06/28/2000	97.86	18.13	NP	NP	79.73		147	61.7	302	1,140	1,651	125
MW-2	04/02/2001	97.86	17.85	NP	NP	80.01		32.7	72.1	48.4	63.8	217	33.2
MW-2	09/10/2001	97.86	17.99	NP	NP	79.87		26.7	3.09	50.4	142	222	29.7
MW-2	02/27/2002	97.86	18.65	NP	NP	79.21		364	19.6	946	1,890	3,220	299
MW-2	05/10/2002	97.86	19.04	18.63	0.41	79.13		Not Sampled - LNAPL (0.41 ft)					
MW-2	08/08/2002	97.86	19.39	18.73	0.66	78.97		Not Sampled - LNAPL (0.66 ft)					
MW-2	12/04/2002	97.86	18.62	18.20	0.42	79.56		Not Sampled - LNAPL (0.42 ft)					
MW-2	03/26/2003	97.86	18.60	18.22	0.38	79.55		Not Sampled - LNAPL (0.38 ft)					
MW-2	05/15/2003	97.86	18.71	18.25	0.46	79.50		Not Sampled - LNAPL (0.46 ft)					
MW-2	09/04/2003	97.86	17.48	17.31	0.17	80.51		Not Sampled - LNAPL (0.17 ft)					
MW-2	12/17/2003	97.86	17.80	17.79	0.01	80.07		581	104	9,570	34,500	44,755	521
MW-2	02/11/2004	97.86	17.98	NP	NP	79.88		577	76.0	3,270	10,900	14,823	720
MW-2	05/18/2004	97.86	17.81	17.74	0.07	80.10		Not Sampled - LNAPL (0.07 ft)					
MW-2	08/18/2004	97.86	17.02	NP	NP	80.84		438	27.2	1,460	3,480	5,405	411
MW-2	11/23/2004	97.86	17.33	17.31	0.02	80.55		Not Sampled - LNAPL (0.02 ft)					
MW-2	02/15/2005	97.86	17.11	NP	NP	80.75		222	13.2 J	2,280	6,370	8,885	77.8
MW-2	05/12/2005	97.86	16.98	NP	NP	80.88		Gauged Only					

TABLE 1
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Well ID	Date	GROUND WATER GAUGING DATA					GROUND WATER ANALYTICAL DATA						
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-2	05/27/2005	97.86	Sampled Only					146	4.7	778	1,810	2,739	133
MW-2	09/07/2005	97.86	17.33	NP	NP	80.53		254	7.3	1,120	2,660	4,041	213
MW-2	11/15/2005	97.86	16.77	NP	NP	81.09		487	14.5	1,420	4,130	6,052	386
MW-2	02/15/2006	97.86	16.65	NP	NP	81.21		607	34.3	3,470	8,420	12,531	658
MW-2	06/06/2006	97.86	16.58	NP	NP	81.28		388	12.2	1,500	3,710	5,610	311
MW-2	08/28/2006	97.86	16.42	NP	NP	81.44		305	13.4	1,520	3,820	5,658	308
MW-2	11/27/2006	97.86	17.00	17.00	Sheen	80.86		193	6.8	1,050	1,790	3,040	241
MW-2	02/17/2007	97.86	17.52	17.44	0.08	80.40		Not Sampled - LNAPL (0.08 ft)					
MW-2	05/11/2007	97.86	16.23	NP	NP	81.63		87.1	2.8	728	1,310	2,128	53.0
MW-2	08/30/2007	97.86	16.83	NP	NP	81.03		146	6.4 J	786	1,320	2,258	239
MW-2	11/21/2007	97.86	17.14	NP	NP	80.72		Not Sampled - Product Present					
MW-2	02/25/2008	97.86	17.95	NP	NP	79.91		200	<10	1,200	1,100	2,500	150
MW-2	05/29/2008	97.86	17.14	NP	NP	80.72		250	<5.0	450	330	1,030	220
MW-2	07/29/2008	97.86	16.95	NP	NP	80.91		68	<0.50	64	59	191	48
MW-2	11/17/2008	97.86	17.39	17.36	0.03	80.49		180	<2.5	590	400	1,170	160
MW-2	01/14/2009	97.86	17.16	NP	NP	80.70		Gauged Only					
MW-2	02/06/2009	97.86	17.26	NP	NP	80.60		230	4.1 J	740	1,600	2,574	280
MW-2	03/05/2009	97.86	17.49	17.46	0.03	80.39		Gauged Only					
MW-2	04/01/2009	97.86	17.61	17.57	0.04	80.28		Gauged Only					
MW-2	05/18/2009	97.86	17.51	17.47	0.04	80.38		Not Sampled - LNAPL (0.04 ft)					
MW-2	06/30/2009	98.97	17.16	NP	NP	81.81		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-2	07/30/2009	98.97	17.85	NP	NP	81.12		Gauged Only					
MW-2	08/06/2009	98.97	17.31	NP	NP	81.66		210	4.8	750	960	1,925	250
MW-2	09/03/2009	98.97	17.38	NP	NP	81.59		Gauged Only					
MW-2	10/13/2009	98.97	17.58	17.57	0.01	81.40		Gauged Only					
MW-2	11/23/2009	98.97	17.69	NP	NP	81.28		200	3.8	610	600	1,414	130
MW-2	12/08/2009	98.97	17.64	NP	NP	81.33		Gauged Only					
MW-2	01/31/2010	98.97	17.57	NP	NP	81.40		Gauged Only					
MW-2	02/09/2010	98.97	17.59	NP	NP	81.38		140	3.1	440	340	923	87
MW-2	03/15/2010	98.97	16.89	NP	NP	82.08		130	2.2	230	68	430	61
MW-2	04/08/2010	98.97	28.67	NP	NP	70.30		Gauged Only					
MW-2	05/19/2010	98.97	16.72	NP	NP	82.25		160	2.6	520	350	1,033	120
MW-2	06/02/2010	98.97	16.89	NP	NP	82.08		Gauged Only					
MW-2	07/12/2010	98.97	17.13	NP	NP	81.84		Gauged Only					
MW-2	08/18/2010	98.97	17.46	NP	NP	81.51		120	2.9 J	880	1,400	2,403	110
MW-2	11/01/2010	98.97	17.45	NP	NP	81.52		110	2.7	880	1,200	2,193	85
MW-2	02/14/2011	98.97	17.32	NP	NP	81.65		99	2.7 J	400	480	982	74
MW-2	06/17/2011	98.97	16.96	NP	NP	82.01	5.25**	94	<5.0	650	720	1,464	87
MW-2	08/01/2011	98.97	17.38	NP	NP	81.59	5.00**	110	2.3 J	570	530	1,212	110
MW-2	11/01/2011	98.97	16.26	NP	NP	82.71	5.50	76	<2.5	580	460	1,116	77
MW-2	02/14/2012	98.97	16.85	NP	NP	82.12	5.25	100	2	570	500	1,172	93
MW-2	05/24/2012	98.97	17.29	NP	NP	81.68	5.00	110	1.4	350	250	711	62

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-2	08/27/2012	98.97	17.3	NP	NP	81.67	5.00	130	<5.0	840	600	1,570	120
MW-2	11/26/2012	98.97	17.56	NP	NP	81.41	5.00	91	<5.0	370	300	761	74
MW-2	02/15/2013	98.97	16.72	NP	NP	82.25	5.25	41	<5.0	800	760	1,601	34
MW-2	05/13/2013	98.97	9.51	NP	NP	89.46	9.00	56	1.9 J	570	340	968	29
MW-2	08/27/2013	98.97	16.67	NP	NP	82.30	5.50	55	5.9	1,500	1,700	3,261	21
MW-2	11/13/2013	98.97	17.75	NP	NP	81.22	5.00	41	2.4	850	540	1,433	17
MW-2	02/25/2014	98.97	13.12	NP	NP	85.85	7.25	<5.0	<5.0	420	750	1,170	<5.0
MW-2	05/30/2014	98.97	17.52	NP	NP	81.45	NM	9.9	4.1 J	1800	2700	4,514	<2.5
MW-2	08/08/2014	98.97	17.69	NP	NP	81.28	5.00	8.5	2.6 J	1,700	2,400	4,111	<2.5
MW-3	06/28/2000	97.91	18.26	NP	NP	79.65		<0.5	<0.5	<0.5	52.6	52.6	7.23
MW-3	04/02/2001	97.91	17.86	NP	NP	80.05		8.8	73	11.40	47.80	141	17.2
MW-3	09/10/2001	97.91	18.01	NP	NP	79.9		<0.5	<0.5	<0.5	<0.5	ND	28.7
MW-3	02/27/2002	97.91	18.65	NP	NP	79.26		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	05/10/2002	97.91	18.72	NP	NP	79.19		<0.5	0.875	1.08	7.97	9.93	<10
MW-3	08/08/2002	97.91	18.87	NP	NP	79.04		<0.5	<0.5	<0.5	<0.5	ND	<10
MW-3	12/04/2002	97.91	18.29	NP	NP	79.62		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	03/26/2003	97.91	18.30	NP	NP	79.61		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	05/15/2003	97.91	18.34	NP	NP	79.57		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	09/04/2003	97.91	17.33	NP	NP	80.58		<1.0	<1.0	<1.0	<1.0	ND	0.48
MW-3	12/17/2003	97.91	17.81	NP	NP	80.10		<1.0	<1.0	<1.0	<1.0	ND	<1.0

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-3	02/11/2004	97.91	18.02	NP	NP	79.89		<1.0	<1.0	<1.0	<1.0	ND	0.79
MW-3	05/18/2004	97.91	17.77	NP	NP	80.14		<1.0	<1.0	<1.0	<1.0	ND	ND
MW-3	08/18/2004	97.91	16.98	NP	NP	80.93		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	11/23/2004	97.91	17.33	NP	NP	80.58		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	02/15/2005	97.91	17.13	NP	NP	80.78		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	05/12/2005	97.91	16.92	NP	NP	80.99		Gauged Only					
MW-3	05/27/2005	97.91	Sampled Only					<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	09/07/2005	97.91	17.31	NP	NP	80.60		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	11/15/2005	97.91	16.80	NP	NP	81.11		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	02/15/2006	97.91	16.72	NP	NP	81.19		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	06/06/2006	97.91	16.59	NP	NP	81.32		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	08/28/2006	97.91	16.46	NP	NP	81.45		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	11/27/2006	97.91	16.99	NP	NP	80.92		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	02/17/2007	97.91	17.46	NP	NP	80.45		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	05/11/2007	97.91	16.19	NP	NP	81.72		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	08/30/2007	97.91	16.37	NP	NP	81.54		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	11/21/2007	97.91	17.12	NP	NP	80.79		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-3	02/25/2008	97.91	16.95	NP	NP	80.96		<0.50	<0.50	<0.50	1.0 J	1.0	<0.50
MW-3	05/29/2008	97.91	17.15	NP	NP	80.76		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	07/29/2008	97.91	16.93	NP	NP	80.98		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	11/17/2008	97.91	17.84	NP	NP	80.07		<0.50	<0.50	<0.50	<0.50	ND	<0.50

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GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-3	01/14/2009	97.91	17.22	NP	NP	80.69		Gauged Only					
MW-3	02/06/2009	97.91	17.27	NP	NP	80.64		<0.50	0.55 J	<0.50	0.82 J	1.37	<0.50
MW-3	03/05/2009	97.91	17.51	NP	NP	80.40		Gauged Only					
MW-3	04/01/2009	97.91	17.63	NP	NP	80.28		Gauged Only					
MW-3	05/18/2009	97.91	17.45	NP	NP	80.46		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	06/30/2009	99.03	17.19	NP	NP	81.84		Gauged Only					
MW-3	07/30/2009	99.03	16.36	NP	NP	82.67		Gauged Only					
MW-3	08/06/2009	99.03	17.30	NP	NP	81.73		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	09/03/2009	99.03	17.40	NP	NP	81.63		Gauged Only					
MW-3	10/13/2009	99.03	17.59	NP	NP	81.44		Gauged Only					
MW-3	11/23/2009	99.03	17.66	NP	NP	81.37		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	12/08/2009	99.03	17.54	NP	NP	81.49		Gauged Only					
MW-3	01/31/2010	99.03	17.57	NP	NP	81.46		Gauged Only					
MW-3	02/09/2010	99.03	17.61	NP	NP	81.42		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	03/15/2010	99.03	16.84	NP	NP	82.19		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	04/08/2010	99.03	31.58	NP	NP	67.45		Gauged Only					
MW-3	05/19/2010	99.03	16.74	NP	NP	82.29		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	06/02/2010	99.03	16.88	NP	NP	82.15		Gauged Only					
MW-3	07/12/2010	99.03	17.15	NP	NP	81.88		Gauged Only					
MW-3	08/18/2010	99.03	18.47	NP	NP	80.56		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	11/01/2010	99.03	17.42	NP	NP	81.61		<0.50	<0.50	<0.50	<0.50	ND	<0.50

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-3	02/14/2011	99.03	17.29	NP	NP	81.74		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	06/17/2011	99.03	16.89	NP	NP	82.14	7.00**	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	08/01/2011	99.03	17.30	NP	NP	81.73	7.00**	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	11/01/2011	99.03	16.15	NP	NP	82.88	7.50	15	<0.50	<0.50	<0.50	15.0	5.7
MW-3	02/14/2012	99.03	16.8	NP	NP	82.23	7.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	05/24/2012	99.03	17.32	NP	NP	81.71	7.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	08/27/2012	99.03	17.32	NP	NP	81.71	6.50	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	11/26/2012	99.03	11.6	NP	NP	87.43	10.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	02/15/2013	99.03	16.6	NP	NP	82.43	7.00	<0.50	<0.50	<0.50	<0.50	ND	2.5
MW-3	05/13/2013	99.03	9.33	NP	NP	89.70	10.75	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	08/27/2013	99.03	16.68	NP	NP	82.35	7.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	11/13/2013	99.03	17.80	NP	NP	81.23	6.75	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-3	02/25/2014	99.03	14.07	NP	NP	84.96	8.25	<.50	<.50	<.50	<.50	ND	<.50
MW-3	05/30/2014	99.03	17.55	NP	NP	81.48	NM	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-4	04/02/2001	98.61	18.60	NP	NP	80.01		1,190	7,050	228	3,330	11,798	7,030
MW-4	09/10/2001	98.61	18.72	NP	NP	79.89		102	221	41.4	218	582	1,070
MW-4	02/27/2002	98.61	19.51	NP	NP	79.10		1,440	817	468	1,860	4,585	9,320
MW-4	05/10/2002	98.61	19.44	NP	NP	79.17		1,530	8,370	1,240	6,550	17,690	5,370
MW-4	08/08/2002	98.61	19.44	19.39	0.05	79.21		Not Sampled - LNAPL (0.05 ft)					
MW-4	12/04/2002	98.61	19.32	18.95	0.37	79.57		Not Sampled - LNAPL (0.37 ft)					

TABLE 1
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-4	03/26/2003	98.61	19.25	18.96	0.29	79.58		Not Sampled - LNAPL (0.29 ft)					
MW-4	05/15/2003	98.61	19.37	18.98	0.39	79.53		Not Sampled - LNAPL (0.39 ft)					
MW-4	09/04/2003	98.61	18.06	NP	NP	80.55		81.5	273	101	443	899	10.3
MW-4	12/17/2003	98.61	18.57	NP	NP	80.04		1,660	13,600	4,750	24,700	44,710	212
MW-4	02/11/2004	98.61	18.78	NP	NP	79.83		1,300	2,000	1,050	4,350	8,700	127
MW-4	05/18/2004	98.61	18.50	NP	NP	80.11		608	922	657	2,610	4,797	55.0
MW-4	08/18/2004	98.61	17.75	NP	NP	80.86		1,390	4,830	1,850	8,970	17,040	142
MW-4	11/23/2004	98.61	18.04	NP	NP	80.57		1,330	3,710	1,660	6,660	13,360	158
MW-4	02/15/2005	98.61	17.88	NP	NP	80.73		1,260	4,280	1,880	8,970	16,390	131
MW-4	05/12/2005	98.61	17.68	NP	NP	80.93		Gauged Only					
MW-4	05/27/2005	98.61	Sampled Only					430	2,050	1,010	4,700	8,190	39.4
MW-4	09/07/2005	98.61	18.07	NP	NP	80.54		387	1,430	880	3,150	5,847	51.0
MW-4	11/15/2005	98.61	17.56	NP	NP	81.05		936	5,660	1,800	9,520	17,916	119
MW-4	02/15/2006	98.61	17.41	NP	NP	81.20		1,080	4,210	1,310	6,250	12,850	98.3
MW-4	06/06/2006	98.61	17.36	NP	NP	81.25		987	3,760	1,790	8,670	15,207	82.0
MW-4	08/28/2006	98.61	17.18	NP	NP	81.43		1,610	4,170	1,680	6,790	14,250	121
MW-4	11/27/2006	98.61	17.75	NP	NP	80.86		1,040	1,220	906	3,200	6,366	145
MW-4	02/17/2007	98.61	18.20	NP	NP	80.41		1,400	282	501	1,460	3,643	50.4
MW-4	05/11/2007	98.61	16.97	NP	NP	81.64		730	834	464	1,360	3,388	33.6
MW-4	08/30/2007	98.61	17.12	NP	NP	81.49		805	484	847	3,000	5,136	265
MW-4	11/21/2007	98.61	17.81	NP	NP	80.80		1,270	749	1,390	5,070	8,479	450

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Well ID	Date	GROUND WATER GAUGING DATA					GROUND WATER ANALYTICAL DATA						
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-4	02/25/2008	98.61	No Access				No Access						
MW-4	05/29/2008	98.61	17.96	NP	NP	80.65	1,100	66	390	1,400	2,956	53	
MW-4	07/29/2008	98.61	17.65	NP	NP	80.96	250	8.9	80	110	449	14	
MW-4	11/17/2008	98.61	18.08	NP	NP	80.53	560	54	610	1800	3,024	130	
MW-4	01/14/2009	98.61	17.93	NP	NP	80.68	Gauged Only						
MW-4	02/06/2009	98.61	18.00	NP	NP	80.61	740	160	1,200	4,800	6,900	220	
MW-4	03/05/2009	98.61	18.21	NP	NP	80.40	Gauged Only						
MW-4	04/01/2009	98.61	18.32	NP	NP	80.29	Gauged Only						
MW-4	05/18/2009	98.61	18.22	NP	NP	80.39	1,100	62	1,100	4,100	6,362	230	
MW-4	06/30/2009	99.67	17.91	NP	NP	81.76	Gauged Only						
MW-4	07/30/2009	99.67	17.22	NP	NP	82.45	Gauged Only						
MW-4	08/06/2009	99.67	18.02	NP	NP	81.65	300	10	180	620	1,110	78	
MW-4	09/03/2009	99.67	18.09	NP	NP	81.58	Gauged Only						
MW-4	10/13/2009	99.67	18.28	NP	NP	81.39	Gauged Only						
MW-4	11/23/2009	99.67	17.89	NP	NP	81.78	1,400	100	1,900	6,400	9,800	580	
MW-4	12/08/2009	99.67	18.34	NP	NP	81.33	Gauged Only						
MW-4	01/31/2010	99.67	18.28	NP	NP	81.39	Gauged Only						
MW-4	02/09/2010	99.67	18.10	NP	NP	81.57	450	22	420	1,600	2,492	100	
MW-4	03/15/2010	99.67	17.63	NP	NP	82.04	500	45	500	1,600	2,645	90	
MW-4	04/08/2010	99.67	26.78	NP	NP	72.89	Gauged Only						
MW-4	05/19/2010	99.67	17.46	NP	NP	82.21	400	19	410	1,100	1,929	140	

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 164 4th Ave
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-4	06/02/2010	99.67	17.63	NP	NP	82.04		Gauged Only					
MW-4	07/12/2010	99.67	17.85	NP	NP	81.82		Gauged Only					
MW-4	08/18/2010	99.67	18.19	NP	NP	81.48		720	450	1,300	5,400	7,870	180
MW-4	11/01/2010	99.67	18.16	NP	NP	81.51		670	490	1,200	5,100	7,460	120
MW-4	02/14/2011	99.67	18.04	NP	NP	81.63		760	360	810	3200	5,130	110
MW-4	06/17/2011	99.67	17.68	NP	NP	81.99	4.5**	640	390	790	3,100	4,920	160
MW-4	08/01/2011	99.67	18.10	NP	NP	81.57	4.25**	320	130	370	1,900	2,720	57
MW-4	11/01/2011	99.67	17.00	NP	NP	82.67	5.00	410	140	660	2,400	3,610	100
MW-4	02/14/2012	99.67	17.56	NP	NP	82.11	3.00	380	96	810	2,900	4,186	180
MW-4	05/24/2012	99.67	18	NP	NP	81.67	4.50	540	18	510	1,900	2,968	72
MW-4	08/27/2012	99.67	18	NP	NP	81.67	4.00	830	42	1,500	4,800	7,172	180
MW-4	11/26/2012	99.67	18.3	NP	NP	81.37	4.00	330	7.5 J	390	1,300	2,028	88
MW-4	02/15/2013	99.67	17.45	NP	NP	82.22	4.00	730	19	870	3,000	4,619	130
MW-4	05/13/2013	99.67	18.54	NP	NP	81.13	5.00	490	9.3 J	550	1,000	2,049	190
MW-4	08/27/2013	99.67	17.43	NP	NP	82.24	5.00	120	6.1	170	470	766	39
MW-4	11/13/2013	99.67	18.55	NP	NP	81.12	4.00	860	340	850	2,900	4,950	140
MW-4	02/25/2014	99.67	14.88	NP	NP	84.79	6.00	450	19	350	800	1,619	54
MW-4	05/30/2014	99.67	18.25	NP	NP	81.42	NM	550	<2.5	280	100	930	70
MW-4	08/08/2014	99.67	18.4	NP	NP	81.27	4.25	270	<2.5	270	63	603	62
MW-5	04/02/2001	98.90	21.90	NP	NP	77.00		1,380	277	351	410	2,418	5,040

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-5	09/10/2001	98.90	21.73	NP	NP	77.17		105	16.8	22.9	37.3	182	4,980
MW-5	02/27/2002	98.90	22.05	NP	NP	76.85		2,650	110	497	264	3,521	46,800
MW-5	05/10/2002	98.90	21.99	NP	NP	76.91		1,950	457	542	793	3,742	17,600
MW-5	08/08/2002	98.90	21.83	NP	NP	77.07		1,320	202	449	679	2,650	8,410
MW-5	12/04/2002	98.90	21.48	NP	NP	77.42		2,250	290	407	656	3,603	26,300
MW-5	03/26/2003	98.90	21.14	NP	NP	77.76		3520	351	517	1,230	5,618	99,100
MW-5	05/15/2003	98.90	21.30	NP	NP	77.60		2,620	735	512	1,230	5,097	49,000
MW-5	09/04/2003	98.90	20.33	NP	NP	78.57		2,820	400	285	866	4,371	25,900
MW-5	12/17/2003	98.90	11.31	NP	NP	87.59		1,960	266	200	529	2,955	16,200
MW-5	02/11/2004	98.90	20.72	NP	NP	78.18		1,860	223	270	667	3,020	15,900
MW-5	05/18/2004	98.90	20.72	NP	NP	78.18		1,400	306	363	1,150	3,219	7,820
MW-5	08/18/2004	98.90	20.15	NP	NP	78.75		1,240	391	467	1,560	3,658	11,700
MW-5	11/23/2004	98.90	20.58	NP	NP	78.32		2,280	110	322	811	3,523	21,900
MW-5	02/15/2005	98.90	20.65	NP	NP	78.25		2,000	53.8 J	122	313	2,489	22,500
MW-5	05/12/2005	98.90	19.68	NP	NP	79.22		Gauged Only					
MW-5	05/27/2005	98.90	Sampled Only					1,730	75.7	109	262	2,177	18,200
MW-5	09/07/2005	98.90	20.81	NP	NP	78.09		1,380	47.5	118	315	1,861	13,900
MW-5	11/15/2005	98.90	20.25	NP	NP	78.65		2,980	78.6	148	290	3,497	37,500
MW-5	02/15/2006	98.90	20.38	NP	NP	78.52		2,700	73.7	139	404	3,317	9,240
MW-5	06/06/2006	98.90	20.23	NP	NP	78.67		2,670	43.3	75.9	285	3,074	2,810
MW-5	08/28/2006	98.90	20.05	NP	NP	78.85		2,930	41.9	75.8	190	3,238	1,520

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GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-5	11/27/2006	98.90	20.27	NP	NP	78.63		3,060	27.5	51.5	62.3	3,201	1,690
MW-5	02/17/2007	98.90	20.73	NP	NP	78.17		1,710	60.8	427	936	3,134	5,580
MW-5	05/11/2007	98.90	20.19	NP	NP	78.71		3,370	43.3	89.0	71.2	3,574	12,500
MW-5	08/30/2007	98.90	19.94	NP	NP	78.96		2,110	35.3 J	198	278	2,621	17,900
MW-5	11/21/2007	98.90	20.59	NP	NP	78.31		2,610	30.7	84.9	105	2,831	22,800
MW-5	02/25/2008	98.90	20.47	NP	NP	78.43		1,900	25	61	49	2,035	20,000
MW-5	05/29/2008	98.90	20.75	NP	NP	78.15		1,600	23	140	130	1,893	16,000
MW-5	07/29/2008	98.90	20.45	NP	NP	78.45		1,200	35	98	110	1,443	7,000
MW-5	11/17/2008	98.90	20.24	NP	NP	78.66		1,200	28	330	290	1,848	5,800
MW-5	01/14/2009	98.90	20.51	NP	NP	78.39		Gauged Only					
MW-5	02/06/2009	98.90	20.59	NP	NP	78.31		1,600	41	140	110	1,891	14,000
MW-5	03/05/2009	98.90	20.76	NP	NP	78.14		Gauged Only					
MW-5	04/01/2009	98.90	20.77	NP	NP	78.13		Gauged Only					
MW-5	05/18/2009	98.90	20.59	NP	NP	78.31		1,000	17	83	76	1,176	2,400
MW-5	06/30/2009	100.02	19.46	NP	NP	80.56		Gauged Only					
MW-5	07/30/2009	100.02	19.84	NP	NP	80.18		Gauged Only					
MW-5	08/06/2009	100.02	20.26	NP	NP	79.76		820	15	37	36	908	1,600
MW-5	09/03/2009	100.02	No Access					Gauged Only					
MW-5	10/13/2009	100.02	20.52	NP	NP	79.50		Gauged Only					
MW-5	11/23/2009	100.02	20.71	NP	NP	79.31		630	22	180	98	930	1,600
MW-5	12/08/2009	100.02	20.80	NP	NP	79.22		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
BP Station Number 03887
164 4th Ave
Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-5	01/31/2010	100.02	Not Gauged - Car parked Over Well					Gauged Only					
MW-5	02/09/2010	100.02	20.79	NP	NP	79.23		460	21	150	79	710	1,200
MW-5	03/15/2010	100.02	20.13	NP	NP	79.89		510	16	44	24	594	2,100
MW-5	04/08/2010	100.02	29.23	NP	NP	70.79		Gauged Only					
MW-5	05/19/2010	100.02	20.33	NP	NP	79.69		730	25	200	140	1,095	6,400
MW-5	06/02/2010	100.02	20.48	NP	NP	79.54		Gauged Only					
MW-5	07/12/2010	100.02	20.67	NP	NP	79.35		Gauged Only					
MW-5	08/18/2010	100.02	20.94	NP	NP	79.08		990	38	260	210	1,498	3,400
MW-5	11/01/2010	100.02	20.74	NP	NP	79.28		780	37	230	150	1,197	2,400
MW-5	02/14/2011	100.02	20.53	NP	NP	79.49		930	58	110	91	1,189	4,500
MW-5	06/17/2011	100.02	20.61	NP	NP	79.41	4.25**	800	49	160	120	1,129	1,400
MW-5	08/01/2011	100.02	20.81	NP	NP	79.21	4.00**	770	51	140	130	1,091	1,700
MW-5	11/01/2011	100.02	20.11	NP	NP	79.91	4.50	840	37	65	77	1,019	2,000
MW-5	02/14/2012	100.02	20.91	NP	NP	79.11	4.00	1,000	43	110	100	1,253	1,400
MW-5	05/24/2012	100.02	21.04	NP	NP	78.98	4.00	570	18	28	41	657	1,000
MW-5	08/27/2012	100.02	20.35	NP	NP	79.67	4.25	560	17	28	36	641	790
MW-5	11/26/2012	100.02	20.87	NP	NP	79.15	4.00	1,100	48	130	120	1,398	1,300
MW-5	02/15/2013	100.02	21.85	NP	NP	78.17	4.00	1,200	42	92	140	1,474	780
MW-5	05/13/2013	100.02	21.09	NP	NP	78.93	4.00	1,200	76	230	270	1,776	1,200
MW-5	08/27/2013	100.02	20.69	NP	NP	79.33	4.25	870	46	51	230	1,197	390
MW-5	11/13/2013	100.02	21.20	NP	NP	78.82	4.00	910	29	46	76	1,061	340

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-5	02/25/2014	100.02	19.64	NP	NP	80.38	5.00	880	110	380	340	1,710	1,600
MW-5	05/30/2014	100.02	20.9	NP	NP	79.12	NM	230	5.5	50	8.6	294	240
MW-5	08/08/2014	100.02	20.94	NP	NP	79.08	4.00	130	5.4	100	5.9	241	130
MW-6	03/26/2003	98.69	20.54	NP	NP	78.15		89.6	182	37.9	154	464	9,400
MW-6	05/15/2003	98.69	20.59	NP	NP	78.10		91.1	213	54.0	248	606	10,100
MW-6	09/04/2003	98.69	19.68	NP	NP	79.01		1,480	1,390	631	2,040	5,541	386,000
MW-6	12/17/2003	98.69	19.74	NP	NP	78.95		217	50.4	46.3J	123	437	63,500
MW-6	02/11/2004	98.69	20.09	NP	NP	78.60		168	53.9	55.1	170	447	34,100
MW-6	05/18/2004	98.69	20.13	NP	NP	78.56		74.5	6.9	14.4	48.2	144	2,490
MW-6	08/18/2004	98.69	19.42	NP	NP	79.27		252	328	81.3 J	275	936	38,500
MW-6	11/23/2004	98.69	20.04	NP	NP	78.65		56.7	4.6 J	6.3	26.5	94.1	1,730
MW-6	02/15/2005	98.69	20.12	NP	NP	78.57		35.0	6.1 J	3.2 J	20.0	64.3	1,160
MW-6	05/12/2005	98.69	20.08	NP	NP	78.61		Gauged Only					
MW-6	05/27/2005	98.69	Sampled Only					23.5	3.0	2.4	14.0	42.9	899
MW-6	09/07/2005	98.69	20.26	NP	NP	78.43		9.9	1.6 J	7.2	11.8	30.5	795
MW-6	11/15/2005	98.69	19.73	NP	NP	78.96		303	60.5 J	35.9 J	81.1 J	481	298,000
MW-6	02/15/2006	98.69	19.79	NP	NP	78.90		1,130	526	342	1,010	3,008	131,000
MW-6	06/06/2006	98.69	19.64	NP	NP	79.05		1,610	268	410	1,060	3,348	133,000
MW-6	08/28/2006	98.69	19.45	NP	NP	79.24		1,590	165	499	1,350	3,604	109,000
MW-6	11/27/2006	98.69	19.82	NP	NP	78.87		20.7	4.0	7.6	22.9	55.2	791

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-6	02/17/2007	98.69	20.28	NP	NP	78.41		21.7	4.6 J	9.1	23.4	58.8	1,120
MW-6	05/11/2007	98.69	19.68	NP	NP	79.01		16.1	2.4	1.5	8.2	28.2	108
MW-6	08/30/2007	98.69	19.42	NP	NP	79.27		11.6	5.0	10.4	15.2	42.2	1,280
MW-6	11/21/2007	98.69	20.11	NP	NP	78.58		7.9	3.9	5.3	10.6	27.7	124
MW-6	02/25/2008	98.69	20.85	NP	NP	77.84		24	5.6	9.0	23	61.6	5,000
MW-6	05/29/2008	98.69	20.25	NP	NP	78.44		13	3.6	8.4	16	41.0	210
MW-6	07/29/2008	98.69	19.92	NP	NP	78.77		550	87	170	250	1,057	72,000
MW-6	11/17/2008	98.69	20.07	NP	NP	78.62		31	6.8	34	29	101	760
MW-6	01/14/2009	98.69	19.97	NP	NP	78.72		Gauged Only					
MW-6	02/06/2009	98.69	20.00	NP	NP	78.69		160	19 J	47	53	279	29,000
MW-6	03/05/2009	98.69	20.17	NP	NP	78.52		Gauged Only					
MW-6	04/01/2009	98.69	20.21	NP	NP	78.48		Gauged Only					
MW-6	05/18/2009	98.69	20.12	NP	NP	78.57		34	4.5	13	16	67.5	230
MW-6	06/30/2009	99.82	19.74	NP	NP	80.08		Gauged Only					
MW-6	07/30/2009	99.82	19.73	NP	NP	80.09		Gauged Only					
MW-6	08/06/2009	99.82	19.82	NP	NP	80.00		12	3.4	6.4	8.5	30.3	92
MW-6	09/03/2009	99.82	20.00	NP	NP	79.82		Gauged Only					
MW-6	10/13/2009	99.82	20.12	NP	NP	79.70		Gauged Only					
MW-6	11/23/2009	99.82	20.21	NP	NP	79.61		20	5.2	15	19	59.2	84
MW-6	12/08/2009	99.82	20.31	NP	NP	79.51		Gauged Only					
MW-6	01/31/2010	99.82	20.29	NP	NP	79.53		Gauged Only					

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-6	02/09/2010	99.82	20.32	NP	NP	79.50		15	4.1	6	15	40.1	87
MW-6	03/15/2010	99.82	19.73	NP	NP	80.09		90	<10	21	23	134	20,000
MW-6	04/08/2010	99.82	24.50	NP	NP	75.32		Gauged Only					
MW-6	05/19/2010	99.82	19.88	NP	NP	79.94		21	3.9	9	11	44.9	590
MW-6	06/02/2010	99.82	19.98	NP	NP	79.84		Gauged Only					
MW-6	07/12/2010	99.82	20.19	NP	NP	79.63		Gauged Only					
MW-6	08/18/2010	99.82	20.43	NP	NP	79.39		17	2.6	5.3	6.1	31.0	43
MW-6	11/01/2010	99.82	20.25	NP	NP	79.57		17	2.1	2.8	4.6	26.5	160
MW-6	02/14/2011	99.82	20.11	NP	NP	79.71		330	21	110	85	546	22,000
MW-6	06/17/2011	99.82	20.14	NP	NP	79.68	2.25**	10	1.5	3.8	3	18.3	33
MW-6	08/01/2011	99.82	20.37	NP	NP	79.45	2.00**	12	2.2	6	4.3	24.5	21
MW-6	11/01/2011	99.82	19.60	NP	NP	80.22	2.50	180	14	73	70	337	9,000
MW-6	02/14/2012	99.82	20.34	NP	NP	79.48	2.00	11	2.1	6.4	5.6	25.1	25
MW-6	05/24/2012	99.82	20.46	NP	NP	79.36	2.00	9.6	2.2	3.2	3	18.0	21
MW-6	08/27/2012	99.82	19.95	NP	NP	79.87	2.25	140	12	47	23	222	4,700
MW-6	11/26/2012	99.82	20.3	NP	NP	79.52	2.00	520	44	300	240	1,104	15,000
MW-6	02/15/2013	99.82	20.47	NP	NP	79.35	2.00	650	62	400	420	1,532	12,000
MW-6	05/13/2013	99.82	20.41	NP	NP	79.41	2.00	510	59	350	380	1,299	4,900
MW-6	08/27/2013	99.82	20.07	NP	NP	79.75	2.25	650	55	280	340	1,325	3,000
MW-6	11/13/2013	99.82	20.64	NP	NP	79.18	2.00	700	56	330	360	1,446	4,400
MW-6	02/25/2014	99.82	18.05	NP	NP	81.77	3.25	260	31	240	160	691	14,000

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-6	05/30/2014	99.82	20.62	NP	NP	79.2	NM	310	26	250	130	716	3100
MW-6	08/08/2014	99.82	20.58	NP	NP	79.24	2.00	540	42	500	330	1,412	3,900
MW-7	03/26/2003	98.55	19.04	NP	NP	79.51		192	8.7	10.8	29.7	241	23,300
MW-7	05/15/2003	98.55	19.07	NP	NP	79.48		127	<50.0	<50.0	71.7	199	38,200
MW-7	09/04/2003	98.55	18.03	NP	NP	80.52		383	<100	<100	184	567	18,400
MW-7	12/17/2003	98.55	18.58	NP	NP	79.97		68.4	<25	<25	46.5	115	27,600
MW-7	02/11/2004	98.55	18.80	NP	NP	79.75		64.0	<50	<50	56.3	120	12,900
MW-7	05/18/2004	98.55	18.51	NP	NP	80.04		89.7	5.7 J	12.6	42.6	151	9,850
MW-7	08/18/2004	98.55	17.76	NP	NP	80.79		89.4	6.2 J	14.8	32.1	143	10,500
MW-7	11/23/2004	98.55	18.06	NP	NP	80.49		66.6	5.5	12.7	27.7	113	13,500
MW-7	02/15/2005	98.55	17.87	NP	NP	80.68		73.5	6.3 J	12.2 J	19.0 J	111	11,100
MW-7	05/12/2005	98.55	17.69	NP	NP	80.86		Gauged Only					
MW-7	05/27/2005	98.55	Sampled Only					130	<10.0	15.5	16.5	162	8,620
MW-7	09/07/2005	98.55	18.05	NP	NP	80.50		61.7	<20.0	16.7 J	20.3	98.7	9,630
MW-7	11/15/2005	98.55	17.52	NP	NP	81.03		88.7	7.1	17.9	21.0	135	13,700
MW-7	02/15/2006	98.55	17.43	NP	NP	81.12		42.1	<25.0	11.2 J	13.5 J	66.8	9,190
MW-7	06/06/2006	98.55	17.36	NP	NP	81.19		38.2	<25.0	<25.0	<25.0	38.2	7,450
MW-7	08/28/2006	98.55	17.19	NP	NP	81.36		113	6.5	15.6	17.3	152	8,190
MW-7	11/27/2006	98.55	17.73	NP	NP	80.82		6.0	2.9	2.4	7.5	18.8	580
MW-7	02/17/2007	98.55	18.18	NP	NP	80.37		4.1 J	1.9 J	1.5 J	4.8 J	12.3	1,120

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-7	05/11/2007	98.55	17.01	NP	NP	81.54		270	7.6	22.4	23.4	323	1,330
MW-7	08/30/2007	98.55	17.15	NP	NP	81.40		174	7.1	18.3	22.0	221	680
MW-7	11/21/2007	98.55	17.82	NP	NP	80.73		100	5.2	11.9	15.6	133	508
MW-7	02/25/2008	98.55	17.69	NP	NP	80.86		33	4.3	7.4	13	57.7	250
MW-7	05/29/2008	98.55	17.94	NP	NP	80.61		34	4.2	7.7	13	58.9	670
MW-7	07/29/2008	98.55	17.75	NP	NP	80.80		80	5.2	13	17	115	600
MW-7	11/17/2008	98.55	17.89	NP	NP	80.66		1.4 J	1.2 J	<1.0	2.8	5.4	720
MW-7	01/14/2009	98.55	17.91	NP	NP	80.64		Gauged Only					
MW-7	02/06/2009	98.55	18.00	NP	NP	80.55		28	4.2	8.7	13	53.9	170
MW-7	03/05/2009	98.55	18.20	NP	NP	80.35		Gauged Only					
MW-7	04/01/2009	98.55	18.33	NP	NP	80.22		Gauged Only					
MW-7	05/18/2009	98.55	18.23	NP	NP	80.32		80	4.7	8	13	106	140
MW-7	06/30/2009	99.64	17.91	NP	NP	81.73		Gauged Only					
MW-7	07/30/2009	99.64	17.13	NP	NP	82.51		Gauged Only					
MW-7	08/06/2009	99.64	18.03	NP	NP	81.61		120	4.8	6.9	14	146	140
MW-7	09/03/2009	99.64	16.11	NP	NP	83.53		Gauged Only					
MW-7	10/13/2009	99.64	18.30	NP	NP	81.34		Gauged Only					
MW-7	11/23/2009	99.64	18.41	NP	NP	81.23		28	2.4	1.9	7.1	39.4	140
MW-7	12/08/2009	99.64	18.37	NP	NP	81.27		Gauged Only					
MW-7	01/31/2010	99.64	18.30	NP	NP	81.34		Gauged Only					
MW-7	02/09/2010	99.64	18.32	NP	NP	81.32		26	2	1.2	4.4	33.6	140

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-7	03/15/2010	99.64	17.65	NP	NP	81.99		200	3.8	6.2	9.9	220	210
MW-7	04/08/2010	99.64	24.07	NP	NP	75.57		Gauged Only					
MW-7	05/19/2010	99.64	17.49	NP	NP	82.15		270	5.6	13	16	305	96
MW-7	06/02/2010	99.64	17.36	NP	NP	82.28		Gauged Only					
MW-7	07/12/2010	99.64	17.87	NP	NP	81.77		Gauged Only					
MW-7	08/18/2010	99.64	18.19	NP	NP	81.45		79	4.8	7.7	15	107	120
MW-7	11/01/2010	99.64	18.20	NP	NP	81.44		96	5.3	9.7	15	126	77
MW-7	02/14/2011	99.64	18.07	NP	NP	81.57		65	3.9	7.2	11	87.1	73
MW-7	06/17/2011	99.64	17.71	NP	NP	81.93	3.00**	21	3.9	7.1	10	42.0	73
MW-7	08/01/2011	99.64	18.10	NP	NP	81.54	3.00**	22	3.6	6.1	9.3	41.0	93
MW-7	11/01/2011	99.64	17.01	NP	NP	82.63	3.50	120	5.5	12	15	153	59
MW-7	02/14/2012	99.64	17.59	NP	NP	82.05	3.00	47	5.5	10	14	76.5	64
MW-7	05/24/2012	99.64	18.02	NP	NP	81.62	3.00	7.1	3.5	4.7	9.8	25.1	53
MW-7	08/27/2012	99.64	18.05	NP	NP	81.59	3.00	91	5.8	10	17	124	64
MW-7	11/26/2012	99.64	18.3	NP	NP	81.34	3.00	37	5.2	11	15	68.2	64
MW-7	02/15/2013	99.64	17.5	NP	NP	82.14	3.00	38	4.6 J	10	9.3	61.9	81
MW-7	05/13/2013	99.64	16.29	NP	NP	83.35	3.75	310	6.3	21	17	354	99
MW-7	08/27/2013	99.64	17.45	NP	NP	82.19	3.25	500	7.6	30	23	561	64
MW-7	11/13/2013	99.64	18.53	NP	NP	81.11	3.00	150	4.9 J	17	13	185	75
MW-7	02/25/2014	99.64	14.85	NP	NP	84.79	5.00	280	8	39	21	348	110
MW-7	05/30/2014	99.64	18.28	NP	NP	81.36	NM	21	4.8 J	13	14	52.8	93

TABLE 1
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-7	08/08/2014	99.64	18.41	NP	NP	81.23	2.00	24	4.9	11	11	50.9	79
MW-8	12/17/2003	98.76	16.03	NP	NP	82.73		<1.0	<1.0	<1.0	<1.0	ND	2.1
MW-8	02/11/2004	96.08	17.01	NP	NP	79.07		0.58 J	0.44 J	2.6	11.2	14.8	10.7
MW-8	05/18/2004	96.08	17.12	NP	NP	78.96		<1.0	<1.0	<1.0	<1.0	ND	10.7
MW-8	08/18/2004	96.08	16.66	NP	NP	79.42		<1.0	<1.0	<1.0	<1.0	ND	15.6
MW-8	11/23/2004	96.08	16.98	NP	NP	79.10		<1.0	<1.0	<1.0	0.3 J	0.3	20.4
MW-8	02/15/2005	96.08	16.90	NP	NP	79.18		<1.0	<1.0	<1.0	<1.0	ND	20.7
MW-8	05/12/2005	96.08	16.66	NP	NP	79.42		Gauged Only					
MW-8	05/27/2005	96.08	Sampled Only					<1.0	<1.0	<1.0	<1.0	ND	21.6
MW-8	09/07/2005	96.08	16.51	NP	NP	79.57		<1.0	<1.0	<1.0	<1.0	ND	15.9
MW-8	11/15/2005	96.08	13.35	NP	NP	82.73		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-8	02/15/2006	96.08	13.50	NP	NP	82.58		<1.0	<1.0	<1.0	<1.0	ND	0.70 J
MW-8	06/06/2006	96.08	13.98	NP	NP	82.10		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-8	08/28/2006	96.08	14.14	NP	NP	81.94		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-8	11/27/2006	96.08	16.78	NP	NP	79.30		<1.0	<1.0	<1.0	<1.0	ND	10.4
MW-8	02/17/2007	96.08	17.24	NP	NP	78.84		<1.0	<1.0	<1.0	<1.0	ND	8.1
MW-8	05/11/2007	96.08	16.48	NP	NP	79.60		<1.0	<1.0	<1.0	<1.0	ND	6.5
MW-8	08/30/2007	96.08	16.31	NP	NP	79.77		<1.0	<1.0	<1.0	<1.0	ND	5.3
MW-8	11/21/2007	96.08	16.92	NP	NP	79.16		<1.0	<1.0	<1.0	<1.0	ND	4.6
MW-8	02/25/2008	96.08	16.54	NP	NP	79.54		<0.50	<0.50	1.7	1.8	3.5	3.3

TABLE 1
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-8	05/29/2008	96.08	16.91	NP	NP	79.17		<0.50	<0.50	<0.50	<0.50	ND	3.5
MW-8	07/29/2008	96.08	16.64	NP	NP	79.44		0.65 J	<0.50	<0.50	<0.50	0.65	3.3
MW-8	11/17/2008	96.08	16.36	NP	NP	79.72		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-8	01/14/2009	96.08	16.43	NP	NP	79.65		Gauged Only					
MW-8	02/06/2009	96.08	14.14	NP	NP	81.94		<0.50	8.4	2.2	11	21.6	<0.50
MW-8	03/05/2009	96.08	12.87	NP	NP	83.21		Gauged Only					
MW-8	04/01/2009	96.08	12.72	NP	NP	83.36		Gauged Only					
MW-8	05/18/2009	96.08	16.41	NP	NP	79.67		<0.50	0.51 J	1.7	3	5.21	0.97 J
MW-8	06/30/2009	97.21	16.12	NP	NP	81.09		Gauged Only					
MW-8	07/30/2009	97.21	16.45	NP	NP	80.76		Gauged Only					
MW-8	08/06/2009	97.21	16.30	NP	NP	80.91		<0.50	<0.50	<0.50	<0.50	ND	2.1
MW-8	09/03/2009	97.21	16.76	NP	NP	80.45		Gauged Only					
MW-8	10/13/2009	97.21	17.06	NP	NP	80.15		Gauged Only					
MW-8	11/23/2009	97.21	16.88	NP	NP	80.33		<0.50	<0.50	3.8	4.7	8.5	3.3
MW-8	12/08/2009	97.21	16.83	NP	NP	80.38		Gauged Only					
MW-8	01/31/2010	97.21	17.03	NP	NP	80.18		Gauged Only					
MW-8	02/09/2010	97.21	13.62	NP	NP	83.59		<0.50	<0.50	<0.50	<0.50	ND	4.5
MW-8	03/15/2010	97.21	14.22	NP	NP	82.99		<0.50	<0.50	<0.50	<0.50	ND	1.7
MW-8	04/08/2010	97.21	20.46	NP	NP	76.75		Gauged Only					
MW-8	05/19/2010	97.21	16.40	NP	NP	80.81		<0.50	<0.50	<0.50	<0.50	ND	7
MW-8	06/02/2010	97.21	16.78	NP	NP	80.43		Gauged Only					

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-8	07/12/2010	97.21	15.62	NP	NP	81.59		Gauged Only					
MW-8	08/18/2010	97.21	17.19	NP	NP	80.02		<0.50	<0.50	<0.50	<0.50	ND	6.6
MW-8	11/01/2010	97.21	16.91	NP	NP	80.30		<0.50	<0.50	<0.50	<0.50	ND	3.8
MW-8	02/14/2011	97.21	16.57	NP	NP	80.64		<0.50	<0.50	<0.50	<0.50	ND	2.4
MW-8	06/17/2011	97.21	16.67	NP	NP	80.54	2.00**	<0.50	<0.50	<0.50	<0.50	ND	4.5
MW-8	08/01/2011	97.21	17.04	NP	NP	80.17	1.75**	<0.50	<0.50	<0.50	<0.50	ND	5
MW-8	11/01/2011	97.21	15.11	NP	NP	82.10	2.50	<0.50	<0.50	<0.50	<0.50	ND	2.3
MW-8	02/14/2012	97.21	16.75	NP	NP	80.46	1.75	<0.50	<0.50	<0.50	<0.50	ND	4.3
MW-8	05/24/2012	97.21	16.4	NP	NP	80.81	4.00	<0.50	<0.50	<0.50	<0.50	ND	2.4
MW-8	08/27/2012	97.21	16.2	NP	NP	81.01	2.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-8	11/26/2012	97.21	13.52	NP	NP	83.69	3.50	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-8	02/15/2013	97.21	12.63	NP	NP	84.58	4.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-8	05/13/2013	97.21	12.94	NP	NP	84.27	3.75	<0.50	<0.50	<0.50	3.6	3.6	<0.50
MW-8	08/27/2013	97.21	13.22	NP	NP	83.99	3.75	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-8	11/13/2013	97.21	13.96	NP	NP	83.25	5.25	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-8	02/25/2014	97.21	3.62	NP	NP	93.59	8.50	<.50	<.50	<.50	<.50	ND	<.50
MW-8	05/30/2014	97.21	17.18	NP	NP	80.03	NM	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-8	08/08/2014	97.21	17.4	NP	NP	79.81	1.75	<0.50	<0.50	<0.50	<0.50	ND	0.83 J
MW-9	12/17/2003	97.6	16.17	NP	NP	81.43		<1.0	<1.0	<1.0	0.93J	0.93	7.5
MW-9	02/11/2004	94.95	16.63	NP	NP	78.32		<1.0	<1.0	0.4 J	1.2	1.6	6.7

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-9	05/18/2004	94.95	16.67	NP	NP	78.28		<1.0	<1.0	<1.0	<1.0	ND	7.8
MW-9	08/18/2004	94.95	16.26	NP	NP	78.69		<1.0	<1.0	<1.0	<1.0	ND	6.4
MW-9	11/23/2004	94.95	16.59	NP	NP	78.36		<1.0	<1.0	<1.0	<1.0	ND	7.9
MW-9	02/15/2005	94.95	16.62	NP	NP	78.33		<1.0	<1.0	<1.0	<1.0	ND	6.2
MW-9	05/12/2005	94.95	16.56	NP	NP	78.39		Gauged Only					
MW-9	05/27/2005	94.95	Sampled Only					<1.0	<1.0	<1.0	<1.0	ND	7.4
MW-9	09/07/2005	94.95	16.65	NP	NP	78.30		<1.0	<1.0	<1.0	<1.0	ND	7.4
MW-9	11/15/2005	94.95	15.68	NP	NP	79.27		<1.0	0.50 J	1.3	5.8	7.6	5.5
MW-9	02/15/2006	94.95	15.77	NP	NP	79.18		<1.0	<1.0	<1.0	<1.0	ND	1.7
MW-9	06/06/2006	94.95	15.76	NP	NP	79.19		<1.0	<1.0	<1.0	<1.0	ND	1.1
MW-9	08/28/2006	94.95	15.50	NP	NP	79.45		<1.0	<1.0	0.43 J	1.6	2.03	1.0
MW-9	11/27/2006	94.95	16.25	NP	NP	78.70		<1.0	<1.0	<1.0	<1.0	ND	1.3
MW-9	02/17/2007	94.95	16.70	NP	NP	78.25		<1.0	<1.0	<1.0	<1.0	ND	1.3
MW-9	05/11/2007	94.95	16.15	NP	NP	78.80		16.2	2.5	2.5	9.5	30.7	315
MW-9	08/30/2007	94.95	15.99	NP	NP	78.96		<1.0	<1.0	<1.0	<1.0	ND	2.5
MW-9	11/21/2007	94.95	16.58	NP	NP	78.37		<1.0	<1.0	<1.0	<1.0	ND	2.4
MW-9	02/25/2008	94.95	16.31	NP	NP	78.64		<0.50	<0.50	<0.50	0.70 J	0.7	3.3
MW-9	05/29/2008	94.95	16.64	NP	NP	78.31		<0.50	<0.50	<0.50	<0.50	ND	2.8
MW-9	07/29/2008	94.95	16.35	NP	NP	78.60		<0.50	<0.50	<0.50	<0.50	ND	2.9
MW-9	11/17/2008	94.95	16.50	NP	NP	78.45		0.56 J	<0.50	<0.50	<0.50	0.56	2.9
MW-9	01/14/2009	94.95	15.84	NP	NP	79.11		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-9	02/06/2009	94.95	16.05	NP	NP	78.90		0.54 J	<0.50	<0.50	<0.50	0.54	2.5
MW-9	03/05/2009	94.95	16.19	NP	NP	78.76		Gauged Only					
MW-9	04/01/2009	94.95	16.24	NP	NP	78.71		Gauged Only					
MW-9	05/18/2009	94.95	16.52	NP	NP	78.43		0.92 J	<0.50	<0.50	0.53 J	1.45	2
MW-9	06/30/2009	96.00	16.18	NP	NP	79.82		Gauged Only					
MW-9	07/30/2009	96.00	16.13	NP	NP	79.87		Gauged Only					
MW-9	08/06/2009	96.00	16.26	NP	NP	79.74		0.61 J	<0.50	<0.50	0.76 J	1.37	1.5
MW-9	09/03/2009	96.00	16.41	NP	NP	79.59		Gauged Only					
MW-9	10/13/2009	96.00	16.50	NP	NP	79.50		Gauged Only					
MW-9	11/23/2009	96.00	16.59	NP	NP	79.41		0.52 J	<0.50	<0.50	<0.50	0.52	1.7
MW-9	12/08/2009	96.00	16.72	NP	NP	79.28		Gauged Only					
MW-9	01/31/2010	96.00	16.66	NP	NP	79.34		Gauged Only					
MW-9	02/09/2010	96.00	16.78	NP	NP	79.22		<0.50	<0.50	<0.50	<0.50	ND	1.5
MW-9	03/15/2010	96.00	15.87	NP	NP	80.13		<0.50	<0.50	<0.50	<0.50	ND	1.6
MW-9	04/08/2010	96.00	22.39	NP	NP	73.61		Gauged Only					
MW-9	05/19/2010	96.00	16.33	NP	NP	79.67		<0.50	<0.50	<0.50	<0.50	ND	1.8
MW-9	06/02/2010	96.00	16.46	NP	NP	79.54		Gauged Only					
MW-9	07/12/2010	96.00	16.48	NP	NP	79.52		Gauged Only					
MW-9	08/18/2010	96.00	16.84	NP	NP	79.16		<0.50	<0.50	<0.50	<0.50	ND	1.6
MW-9	11/01/2010	96.00	16.69	NP	NP	79.31		<0.50	<0.50	<0.50	<0.50	ND	1.5
MW-9	02/14/2011	96.00	16.45	NP	NP	79.55		<0.50	<0.50	<0.50	<0.50	ND	1.5

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-9	06/17/2011	96.00	16.44	NP	NP	79.56	3.00**	<0.50	<0.50	<0.50	<0.50	ND	1.3
MW-9	08/01/2011	96.00	16.71	NP	NP	79.29	2.75**	<0.50	<0.50	<0.50	<0.50	ND	1.3
MW-9	11/01/2011	96.00	15.89	NP	NP	80.11	3.25	<0.50	<0.50	<0.50	<0.50	ND	1.2
MW-9	02/14/2012	96	16.61	NP	NP	79.39	3.00	<0.50	<0.50	<0.50	<0.50	ND	1.2
MW-9	05/24/2012	96	16.79	NP	NP	79.21	3.00	<0.50	<0.50	<0.50	<0.50	ND	1.3
MW-9	08/27/2012	96	16.35	NP	NP	79.65	3.00	<0.50	<0.50	<0.50	<0.50	ND	1.3
MW-9	11/26/2012	96	16.19	NP	NP	79.81	3.00	<0.50	<0.50	<0.50	<0.50	ND	0.68 J
MW-9	02/15/2013	96	16.29	NP	NP	79.71	3.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-9	05/13/2013	96.00	16.17	NP	NP	79.83	3.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-9	08/27/2013	96.00	15.85	NP	NP	80.15	3.25	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-9	11/13/2013	96.00	16.33	NP	NP	79.67	3.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-9	02/25/2014	96.00	13.60	NP	NP	82.40	4.50	<.50	<.50	<.50	<.50	ND	<.50
MW-9	05/30/2014	96	16.77	NP	NP	79.23	NM	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-9	08/08/2014	96	16.85	NP	NP	79.15	3.00	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-10	12/17/2003	97.2	16.02	NP	NP	81.18		61.7	11.3	14.4	46.1	134	132
MW-10	02/11/2004	94.52	16.39	NP	NP	78.13		56.4	8.7	4.9	36.6	107	252
MW-10	05/18/2004	94.52	16.41	NP	NP	78.11		59.0	6.8	1.1	27.6	94.5	126
MW-10	08/18/2004	94.52	15.91	NP	NP	78.61		49.1	10.7	9.8	42.5	112	173
MW-10	11/23/2004	94.52	16.28	NP	NP	78.24		61.8	8.8	3.0	37.4	111	143
MW-10	02/15/2005	94.52	16.34	NP	NP	78.18		50.2	7.3	1.3	27.4	86.2	98.1

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GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-10	05/12/2005	94.52	16.37	NP	NP	78.15		Gauged Only					
MW-10	05/27/2005	94.52	Sampled Only					45.6	5.5	0.8	22.0	73.9	115
MW-10	09/07/2005	94.52	16.46	NP	NP	78.06		32.1	4.8	1.1	16.1	54.1	110
MW-10	11/15/2005	94.52	15.97	NP	NP	78.55		26.0	2.2	<2.0	3.6	31.8	289
MW-10	02/15/2006	94.52	16.07	NP	NP	78.45		82.1	6.6	2.1	22.5	113	204
MW-10	06/06/2006	94.52	15.91	NP	NP	78.61		58.1	3.7	0.54 J	17.8	80.1	127
MW-10	08/28/2006	94.52	15.69	NP	NP	78.83		63.3	3.9	0.93 J	16.2	84.3	174
MW-10	11/27/2006	94.52	15.89	NP	NP	78.63		50.0	2.9	<1.0	11.2	64.1	193
MW-10	02/17/2007	94.52	16.35	NP	NP	78.17		40.7	2.2	0.36 J	10.1	53.4	194
MW-10	05/11/2007	94.52	15.81	NP	NP	78.71		<1.0	<1.0	<1.0	<1.0	ND	2.2
MW-10	08/30/2007	94.52	15.63	NP	NP	78.89		46.5	2.9	1.6	9.5	60.5	110
MW-10	11/21/2007	94.52	16.26	NP	NP	78.26		38.7	2.6	0.38 J	10.0	51.7	132
MW-10	02/25/2008	94.52	16.14	NP	NP	78.38		21	1.6	<0.50	7.2	29.8	94
MW-10	05/29/2008	94.52	16.42	NP	NP	78.10		18	1.4	<0.50	6.2	25.6	92
MW-10	07/29/2008	94.52	16.10	NP	NP	78.42		23	1.8	<0.50	7.4	32.2	66
MW-10	11/17/2008	94.52	16.24	NP	NP	78.28		20	2	<0.50	6.7	28.7	92
MW-10	01/14/2009	94.52	15.14	NP	NP	79.38		Gauged Only					
MW-10	02/06/2009	94.52	16.24	NP	NP	78.28		21	1.7	<0.50	5.9	28.6	61
MW-10	03/05/2009	94.52	16.40	NP	NP	78.12		Gauged Only					
MW-10	04/01/2009	94.52	16.43	NP	NP	78.09		Gauged Only					
MW-10	05/18/2009	94.52	16.21	NP	NP	78.31		8	1.1	<0.50	3.6	12.7	38

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-10	06/30/2009	95.58	15.88	NP	NP	79.70		Gauged Only					
MW-10	07/30/2009	95.58	16.32	NP	NP	79.26		Gauged Only					
MW-10	08/06/2009	95.58	15.92	NP	NP	79.66		5.4	1.2	<0.50	3.9	10.5	46
MW-10	09/03/2009	95.58	16.10	NP	NP	79.48		Gauged Only					
MW-10	10/13/2009	95.58	16.20	NP	NP	79.38		Gauged Only					
MW-10	11/23/2009	95.58	16.33	NP	NP	79.25		1.9	0.91 J	<0.50	2.7	5.51	75
MW-10	12/08/2009	95.58	16.43	NP	NP	79.15		Gauged Only					
MW-10	01/31/2010	95.58	16.35	NP	NP	79.23		Gauged Only					
MW-10	02/09/2010	95.58	16.43	NP	NP	79.15		0.87 J	0.90 J	<0.50	2.5	4.27	78
MW-10	03/15/2010	95.58	15.76	NP	NP	79.82		<10	<10	<10	<10	ND	57
MW-10	04/08/2010	95.58	22.86	NP	NP	72.72		Gauged Only					
MW-10	05/19/2010	95.58	15.98	NP	NP	79.60		0.73 J	1.3	<0.50	2.4	4.43	47
MW-10	06/02/2010	95.58	16.15	NP	NP	79.43		Gauged Only					
MW-10	07/12/2010	95.58	16.52	NP	NP	79.06		Gauged Only					
MW-10	08/18/2010	95.58	16.60	NP	NP	78.98		<0.50	0.63 J	<0.50	1.8	2.43	130
MW-10	11/01/2010	95.58	16.36	NP	NP	79.22		0.58 J	<0.50	<0.50	1.8	2.38	140
MW-10	02/14/2011	95.58	16.19	NP	NP	79.39		2.7	0.84 J	<0.50	2.2	5.74	120
MW-10	06/17/2011	95.58	16.23	NP	NP	79.35	3.25**	15	5.7	<0.50	5.5	26.2	150
MW-10	08/01/2011	95.58	16.46	NP	NP	79.12	3.25**	29	10	0.59 J	11	50.6	260
MW-10	11/01/2011	95.58	15.75	NP	NP	79.83	3.50	21	6.3	0.57 J	8.8	36.7	180
MW-10	02/14/2012	95.58	16.54	NP	NP	79.04	3.00	38	8.2	1.8	20	68.0	150

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA						
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10	
MW-10	05/24/2012	95.58	16.7	NP	NP	78.88	3.00	26	4.9	<0.50	13	43.9	42	
MW-10	08/27/2012	95.58	15.97	NP	NP	79.61	3.00	19	3.7	<0.50	12	34.7	55	
MW-10	11/26/2012	95.58	16.51	NP	NP	79.07	3.00	10	0.76 J	<0.50	7.5	18.3	49	
MW-10	02/15/2013	95.58	16.72	NP	NP	78.86	3.00	0.62 J	<0.50	<0.50	<0.50	0.62	16	
MW-10	05/13/2013	95.58	16.72	NP	NP	78.86	3.00	<0.50	<0.50	<0.50	<0.50	ND	9.9	
MW-10	08/27/2013	95.58	16.32	NP	NP	79.26	3.25	<0.50	<0.50	<0.50	<0.50	ND	19	
MW-10	11/13/2013	95.58	16.94	NP	NP	78.64	3.00	1.6	<0.50	<0.50	<0.50	1.6	14	
MW-10	02/25/2014	95.58	15.55	NP	NP	80.03	4.00	6.9	<0.50	0.52 J	<0.50	7.42	180	
MW-10	05/30/2014	95.58	16.5	NP	NP	79.08	NM	<0.50	<0.50	<0.50	<0.50	0.5	8.4	
MW-10	08/08/2014	95.58	16.53	NP	NP	79.05	3.25	<0.50	<0.50	<0.50	<0.50	ND	8.7	
MW-11	11/23/2004	94.02	15.88	NP	NP	78.14		<1.0	<1.0	<1.0	<1.0	ND	63.4	
MW-11	02/15/2005	94.02	15.92	NP	NP	78.10		<1.0	<1.0	<1.0	<1.0	ND	38.0	
MW-11	05/12/2005	94.02	15.94	NP	NP	78.08		Gauged Only						
MW-11	05/27/2005	94.02	Sampled Only						<1.0	<1.0	<1.0	<1.0	ND	29.2
MW-11	09/07/2005	94.02	16.15	NP	NP	77.87		<1.0	<1.0	<1.0	<1.0	ND	31.2	
MW-11	11/15/2005	94.02	15.63	NP	NP	78.39		<1.0	<1.0	<1.0	<1.0	ND	23.9	
MW-11	02/15/2006	94.02	15.76	NP	NP	78.26		<1.0	<1.0	<1.0	<1.0	ND	102	
MW-11	06/06/2006	94.02	15.55	NP	NP	78.47		<1.0	<1.0	<1.0	<1.0	ND	34.4	
MW-11	08/28/2006	94.02	15.41	NP	NP	78.61		<1.0	<1.0	<1.0	<1.0	ND	20.7	
MW-11	11/27/2006	94.02	15.49	NP	NP	78.53		<1.0	<1.0	<1.0	<1.0	ND	3.6	

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GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-11	02/17/2007	94.02	15.95	NP	NP	78.07		<1.0	<1.0	<1.0	<1.0	ND	6.7
MW-11	05/11/2007	94.02	15.38	NP	NP	78.64		<1.0	<1.0	<1.0	<1.0	ND	6.4
MW-11	08/30/2007	94.02	15.29	NP	NP	78.73		<1.0	<1.0	<1.0	<1.0	ND	4.5
MW-11	11/21/2007	94.02	15.86	NP	NP	78.16		<1.0	<1.0	<1.0	<1.0	ND	11.9
MW-11	02/25/2008	94.02	Not Gauged					Not Sampled					
MW-11	05/29/2008	94.02	16.02	NP	NP	78.00		<0.50	<0.50	<0.50	<0.50	ND	6.2
MW-11	07/29/2008	94.02	15.78	NP	NP	78.24		<0.50	<0.50	<0.50	<0.50	ND	4.9
MW-11	11/17/2008	94.02	15.79	NP	NP	78.23		<0.50	<0.50	<0.50	<0.50	ND	5.5
MW-11	01/14/2009	94.02	14.88	NP	NP	79.14		Gauged Only					
MW-11	02/06/2009	94.02	15.84	NP	NP	78.18		<0.50	<0.50	<0.50	<0.50	ND	17
MW-11	03/05/2009	94.02	16.02	NP	NP	78.00		Gauged Only					
MW-11	04/01/2009	94.02	16.02	NP	NP	78.00		Gauged Only					
MW-11	05/18/2009	94.02	15.77	NP	NP	78.25		<0.50	<0.50	<0.50	<0.50	ND	5.7
MW-11	06/30/2009	95.14	15.41	NP	NP	79.73		Gauged Only					
MW-11	07/30/2009	95.14	15.45	NP	NP	79.69		Gauged Only					
MW-11	08/06/2009	95.14	15.45	NP	NP	79.69		<0.50	<0.50	<0.50	<0.50	ND	2.5
MW-11	09/03/2009	95.14	15.63	NP	NP	79.51		Gauged Only					
MW-11	10/13/2009	95.14	15.74	NP	NP	79.40		Gauged Only					
MW-11	11/23/2009	95.14	15.91	NP	NP	79.23		<0.50	<0.50	<0.50	<0.50	ND	3
MW-11	12/08/2009	95.14	15.97	NP	NP	79.17		Gauged Only					
MW-11	01/31/2010	95.14	15.93	NP	NP	79.21		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
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Well ID	Date	GROUND WATER GAUGING DATA					GROUND WATER ANALYTICAL DATA						
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-11	02/09/2010	95.14	Not Gauged - Obstruction in Well					<0.50	<0.50	<0.50	<0.50	ND	2.6
MW-11	03/15/2010	95.14	15.25	NP	NP	79.89		<0.50	<0.50	<0.50	<0.50	ND	0.84 J
MW-11	04/08/2010	95.14	15.89	NP	NP	79.25		Gauged Only					
MW-11	05/19/2010	95.14	15.50	NP	NP	79.64		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-11	06/02/2010	95.14	15.73	NP	NP	79.41		Gauged Only					
MW-11	07/12/2010	95.14	15.85	NP	NP	79.29		Gauged Only					
MW-11	08/18/2010	95.14	Dry					Not Sampled - Dry					
MW-11	11/01/2010	95.14	16.15	NP	NP	78.99		Not Sampled - Insufficient Sample Volume					
MW-11	02/14/2011	95.14	15.76	NP	NP	79.38		Not Sampled - Insufficient Sampled Volume					
MW-11	06/17/2011	95.14	15.78	NP	NP	79.36	NM	Not Sampled - Insufficient Sampled Volume					
MW-11	06/17/2011	95.14	15.78	NP	NP	79.36	NM	Not Sampled - Insufficient Sampled Volume					
MW-11	11/01/2011	95.14	15.36	NP	NP	79.78	NM	Not Sampled - Insufficient Sampled Volume					
MW-11	05/24/2012	95.14	Well Casing Broken				NM	Not Sampled - Well Casing Broken					
MW-11	08/27/2012	95.14	Well Destroyed				NM	Well Destroyed					
MW-12	11/23/2004	93.53	15.47	NP	NP	78.06		<1.0	<1.0	<1.0	<1.0	ND	2.4
MW-12	02/15/2005	93.53	15.55	NP	NP	77.98		<1.0	<1.0	<1.0	<1.0	ND	3.3
MW-12	05/12/2005	93.53	15.51	NP	NP	78.02		Gauged Only					
MW-12	05/27/2005	93.53	Sampled Only					<1.0	<1.0	<1.0	<1.0	ND	3.5
MW-12	09/07/2005	93.53	15.67	NP	NP	77.86		<1.0	<1.0	<1.0	<1.0	ND	3.5
MW-12	11/15/2005	93.53	15.22	NP	NP	78.31		<1.0	<1.0	<1.0	<1.0	ND	3.9

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-12	02/15/2006	93.53	15.32	NP	NP	78.21		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-12	06/06/2006	93.53	15.07	NP	NP	78.46		<1.0	<1.0	<1.0	<1.0	ND	4.8
MW-12	08/28/2006	93.53	14.97	NP	NP	78.56		<1.0	<1.0	<1.0	<1.0	ND	2.2
MW-12	11/27/2006	93.53	15.01	NP	NP	78.52		<1.0	<1.0	<1.0	<1.0	ND	4.5
MW-12	02/17/2007	93.53	15.47	NP	NP	78.06		<1.0	<1.0	<1.0	<1.0	ND	1.3
MW-12	05/11/2007	93.53	14.91	NP	NP	78.62		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-12	08/30/2007	93.53	14.78	NP	NP	78.75		<1.0	<1.0	<1.0	<1.0	ND	2.2
MW-12	11/21/2007	93.53	15.44	NP	NP	78.09		<1.0	<1.0	<1.0	<1.0	ND	2.0
MW-12	02/25/2008	93.53	Not Gauged					Not Sampled					
MW-12	05/29/2008	93.53	15.57	NP	NP	77.96		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	07/29/2008	93.53	15.35	NP	NP	78.18		<0.50	<0.50	<0.50	<0.50	ND	4
MW-12	11/17/2008	93.53	15.36	NP	NP	78.17		<0.50	<0.50	<0.50	<0.50	ND	2.3
MW-12	01/14/2009	93.53	15.03	NP	NP	78.50		Gauged Only					
MW-12	02/06/2009	93.53	15.55	NP	NP	77.98		<0.50	<0.50	<0.50	<0.50	ND	0.95 J
MW-12	03/05/2009	93.53	15.66	NP	NP	77.87		Gauged Only					
MW-12	04/01/2009	93.53	15.64	NP	NP	77.89		Gauged Only					
MW-12	05/18/2009	93.53	15.28	NP	NP	78.25		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	06/30/2009	94.63	15.02	NP	NP	79.61		Gauged Only					
MW-12	07/30/2009	94.63	15.51	NP	NP	79.12		Gauged Only					
MW-12	08/06/2009	94.63	15.02	NP	NP	79.61		<0.50	<0.50	<0.50	<0.50	ND	1.2
MW-12	09/03/2009	94.63	15.22	NP	NP	79.41		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
BP Station Number 03887
164 4th Ave
Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-12	10/13/2009	94.63	15.30	NP	NP	79.33		Gauged Only					
MW-12	11/23/2009	94.63	15.44	NP	NP	79.19		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	12/08/2009	94.63	15.52	NP	NP	79.11		Gauged Only					
MW-12	01/31/2010	94.63	15.48	NP	NP	79.15		Gauged Only					
MW-12	02/09/2010	94.63	15.57	NP	NP	79.06		<0.50	<0.50	<0.50	<0.50	ND	1.8
MW-12	03/15/2010	94.63	14.83	NP	NP	79.80		<0.50	<0.50	<0.50	0.65 J	0.65	0.90 J
MW-12	04/08/2010	94.63	22.02	NP	NP	72.61		Gauged Only					
MW-12	05/19/2010	94.63	15.07	NP	NP	79.56		<0.50	<0.50	<0.50	<0.50	ND	2.2
MW-12	06/02/2010	94.63	Dry					Gauged Only					
MW-12	07/12/2010	94.63	15.37	NP	NP	79.26		Gauged Only					
MW-12	08/18/2010	94.63	15.70	NP	NP	78.93		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	11/01/2010	94.63	14.45	NP	NP	80.18		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	02/14/2011	94.63	No Access-Ice Over Well					No Access-Ice Over Well					
MW-12	06/17/2011	94.63	15.36	NP	NP	79.27	0.75**	<0.50	<0.50	<0.50	<0.50	ND	1.8
MW-12	08/01/2011	94.63	15.60	NP	NP	79.03	0.75**	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	11/01/2011	94.63	14.89	NP	NP	79.74	0.75	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	02/14/2012	94.63	15.75	NP	NP	78.88	0.50	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	05/24/2012	94.63	15.82	NP	NP	78.81	Grab	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-12	08/27/2012	94.63	16.1	NP	NP	78.53	NM	<0.50	<0.50	<0.50	<0.50	ND	3
MW-12	11/26/2012	94.63	15.78	NP	NP	78.85	1.00	<0.50	<0.50	<0.50	<0.50	ND	0.56 J
MW-12	02/15/2013	94.63	15.96	NP	NP	78.67	0.75	<0.50	<0.50	<0.50	<0.50	ND	<0.50

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
BP Station Number 03887
164 4th Ave
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-12	05/13/2013	94.63	15.93	NP	NP	78.7	0.75	<0.50	<0.50	<0.50	<0.50	ND	2.6
MW-12	08/27/2013	94.63	15.56	NP	NP	79.07	0.75	<0.50	<0.50	<0.50	<0.50	ND	3.4
MW-12	11/13/2013	94.63	16.20	NP	NP	78.43	0.75	<0.50	<0.50	<0.50	<0.50	ND	2
MW-12	02/25/2014	94.63	Not Sampled - Under Snow Pile				NM	Not sampled - no access					
MW-12	05/30/2014	94.63	15.65	NP	NP	78.98	NM	<0.50	<0.50	<0.50	<0.50	ND	0.71
MW-12	08/08/2014	94.63	15.62	NP	NP	79.01	Grab	<0.50	<0.50	<0.50	<0.50	ND	1.5
MW-13	02/15/2005	93.21	15.29	NP	NP	77.92		<1.0	<1.0	<1.0	<1.0	ND	10.9
MW-13	05/12/2005	93.21	NM	NP	NP	NM		Gauged Only					
MW-13	05/27/2005	93.21	Sampled Only					<1.0	<1.0	<1.0	<1.0	ND	7.9
MW-13	09/07/2005	93.21	15.45	NP	NP	77.76		<1.0	<1.0	<1.0	<1.0	ND	6.1
MW-13	11/15/2005	93.21	14.98	NP	NP	78.23		<1.0	<1.0	<1.0	<1.0	ND	13.4
MW-13	02/15/2006	93.21	15.10	NP	NP	78.11		<1.0	<1.0	<1.0	<1.0	ND	10.6
MW-13	06/06/2006	93.21	14.91	NP	NP	78.30		<1.0	<1.0	<1.0	<1.0	ND	9.3
MW-13	08/28/2006	93.21	14.76	NP	NP	78.45		<1.0	<1.0	<1.0	<1.0	ND	8.3
MW-13	11/27/2006	93.21	14.79	NP	NP	78.42		<1.0	<1.0	<1.0	<1.0	ND	9.9
MW-13	02/17/2007	93.21	15.24	NP	NP	77.97		<1.0	<1.0	<1.0	<1.0	ND	3.0
MW-13	05/11/2007	93.21	14.66	NP	NP	78.55		<1.0	<1.0	<1.0	<1.0	ND	8.4
MW-13	08/30/2007	93.21	14.58	NP	NP	78.63		<1.0	<1.0	<1.0	<1.0	ND	8.8
MW-13	11/21/2007	93.21	16.18	NP	NP	77.03		<1.0	<1.0	<1.0	<1.0	ND	1.9
MW-13	02/25/2008	93.21	Not Gauged					Not Sampled					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-13	05/29/2008	93.21	15.33	NP	NP	77.88		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-13	07/29/2008	93.21	15.10	NP	NP	78.11		<0.50	<0.50	<0.50	<0.50	ND	5
MW-13	11/17/2008	93.21	15.17	NP	NP	78.04		<0.50	<0.50	<0.50	<0.50	ND	1.5
MW-13	01/14/2009	93.21	No Access - Ice Over Well					Gauged Only					
MW-13	02/06/2009	93.21	15.27	NP	NP	77.94		<0.50	<0.50	<0.50	<0.50	ND	2.2
MW-13	03/05/2009	93.21	15.43	NP	NP	77.78		Gauged Only					
MW-13	04/01/2009	93.21	15.42	NP	NP	77.79		Gauged Only					
MW-13	05/18/2009	93.21	15.07	NP	NP	78.14		<0.50	<0.50	<0.50	<0.50	ND	3.7
MW-13	06/30/2009	94.33	14.74	NP	NP	79.59		Gauged Only					
MW-13	07/30/2009	94.33	14.71	NP	NP	79.62		Gauged Only					
MW-13	08/06/2009	94.33	14.78	NP	NP	79.55		<0.50	<0.50	<0.50	<0.50	ND	1.0
MW-13	09/03/2009	94.33	14.98	NP	NP	79.35		Gauged Only					
MW-13	10/13/2009	94.33	15.06	NP	NP	79.27		Gauged Only					
MW-13	11/23/2009	94.33	15.29	NP	NP	79.04		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-13	12/08/2009	94.33	15.29	NP	NP	79.04		Gauged Only					
MW-13	01/31/2010	94.33	15.25	NP	NP	79.08		Gauged Only					
MW-13	02/09/2010	94.33	15.17	NP	NP	79.16		<0.50	<0.50	<0.50	<0.50	ND	1
MW-13	03/15/2010	94.33	14.66	NP	NP	79.67		<0.50	<0.50	<0.50	0.54 J	0.54	5.1
MW-13	04/08/2010	94.33	20.22	NP	NP	74.11		Gauged Only					
MW-13	05/19/2010	94.33	14.85	NP	NP	79.48		<0.50	<0.50	<0.50	<0.50	ND	4.5
MW-13	06/02/2010	94.33	15.03	NP	NP	79.30		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
BP Station Number 03887
164 4th Ave
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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-13	07/12/2010	94.33	15.17	NP	NP	79.16		Gauged Only					
MW-13	08/18/2010	94.33	15.45	NP	NP	78.88		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-13	11/01/2010	94.33	15.24	NP	NP	79.09		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-13	02/14/2011	94.33	15.12	NP	NP	79.21		<0.50	<0.50	<0.50	<0.50	ND	1.9
MW-13	06/17/2011	94.33	15.11	NP	NP	79.22	0.50**	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-13	08/01/2011	94.33	15.39	NP	NP	78.94	0.50**	<0.50	<0.50	<0.50	<0.50	ND	0.83 J
MW-13	11/01/2011	94.33	14.70	NP	NP	79.63	0.50	<0.50	<0.50	<0.50	<0.50	ND	1.3
MW-13	02/14/2012	94.33	15.5	NP	NP	78.83	0.50	<0.50	<0.50	<0.50	<0.50	ND	1
MW-13	05/24/2012	94.33	15.6	NP	NP	78.73	0.25	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-13	08/27/2012	94.33	14.85	NP	NP	79.48	NM	<0.50	<0.50	<0.50	<0.50	ND	3.1
MW-13	11/26/2012	94.33	15.56	NP	NP	78.77	0.50	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-13	02/15/2013	94.33	15.74	NP	NP	78.59	Grab	<0.50	<0.50	<0.50	<0.50	ND	1.6
MW-13	05/13/2013	94.33	15.72	NP	NP	78.61	0.50	<0.50	<0.50	<0.50	<0.50	ND	1.7
MW-13	08/27/2013	94.33	15.37	NP	NP	78.96	0.50	<0.50	<0.50	<0.50	<0.50	ND	1.1
MW-13	11/13/2013	94.33	16.00	NP	NP	78.33	0.50	<0.50	<0.50	<0.50	<0.50	ND	2.7
MW-13	02/25/2014	94.33	15.25	NP	NP	79.08	1.00	<.50	<.50	<.50	<.50	ND	<.50
MW-13	05/30/2014	94.33	15.4	NP	NP	78.93	NM	<0.50	<0.50	<0.50	<0.50	ND	0.82
MW-13	08/08/2014	94.33	15.39	NP	NP	78.94	0.75	<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-14	02/15/2005	94.05	16.08	NP	NP	77.97		<1.0	<1.0	<1.0	<1.0	ND	7.1
MW-14	05/12/2005	94.05	NM	NP	NP	NM		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA					GROUND WATER ANALYTICAL DATA						
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-14	05/27/2005	94.05	Sampled Only					<1.0	<1.0	<1.0	<1.0	ND	5.7
MW-14	09/07/2005	94.05	16.19	NP	NP	77.86		<1.0	<1.0	<1.0	<1.0	ND	5.0
MW-14	11/15/2005	94.05	15.78	NP	NP	78.27		<1.0	<1.0	<1.0	<1.0	ND	5.9
MW-14	02/15/2006	94.05	15.88	NP	NP	78.17		<1.0	<1.0	<1.0	<1.0	ND	6.0
MW-14	06/06/2006	94.05	15.70	NP	NP	78.35		<1.0	<1.0	<1.0	<1.0	ND	4.8
MW-14	08/28/2006	94.05	15.56	NP	NP	78.49		<1.0	<1.0	<1.0	<1.0	ND	3.8
MW-14	11/27/2006	94.05	15.61	NP	NP	78.44		<1.0	<1.0	<1.0	<1.0	ND	3.8
MW-14	02/17/2007	94.05	16.08	NP	NP	77.97		<1.0	<1.0	<1.0	<1.0	ND	4.6
MW-14	05/11/2007	94.05	15.48	NP	NP	78.57		<1.0	<1.0	<1.0	<1.0	ND	4.2
MW-14	08/30/2007	94.05	15.33	NP	NP	78.72		<1.0	<1.0	<1.0	<1.0	ND	<1.0
MW-14	11/21/2007	94.05	15.98	NP	NP	78.07		<1.0	<1.0	<1.0	<1.0	ND	4.1
MW-14	02/25/2008	94.05	15.81	NP	NP	78.24		<0.50	<0.50	<0.50	<0.50	ND	4.3
MW-14	05/29/2008	94.05	16.14	NP	NP	77.91		<0.50	<0.50	<0.50	<0.50	ND	4.1
MW-14	07/29/2008	94.05	15.84	NP	NP	78.21		<0.50	<0.50	<0.50	<0.50	ND	3.2
MW-14	11/17/2008	94.05	15.96	NP	NP	78.09		<0.50	<0.50	<0.50	<0.50	ND	4.2
MW-14	01/14/2009	94.05	14.78	NP	NP	79.27		Gauged Only					
MW-14	02/06/2009	94.05	16.02	NP	NP	78.03		<0.50	<0.50	<0.50	<0.50	ND	4.9
MW-14	03/05/2009	94.05	16.23	NP	NP	77.82		Gauged Only					
MW-14	04/01/2009	94.05	16.22	NP	NP	77.83		Gauged Only					
MW-14	05/18/2009	94.05	15.86	NP	NP	78.19		<0.50	<0.50	<0.50	<0.50	ND	3.6
MW-14	06/30/2009	95.16	15.55	NP	NP	79.61		Gauged Only					

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Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-14	07/30/2009	95.16	16.21	NP	NP	78.95		Gauged Only					
MW-14	08/06/2009	95.16	15.55	NP	NP	79.61		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-14	09/03/2009	95.16	15.76	NP	NP	79.40		Gauged Only					
MW-14	10/13/2009	95.16	15.85	NP	NP	79.31		Gauged Only					
MW-14	11/23/2009	95.16	15.97	NP	NP	79.19		<0.50	<0.50	<0.50	<0.50	ND	4.6
MW-14	12/08/2009	95.16	16.10	NP	NP	79.06		Gauged Only					
MW-14	01/31/2010	95.16	16.04	NP	NP	79.12		Gauged Only					
MW-14	02/09/2010	95.16	16.12	NP	NP	79.04		<0.50	<0.50	<0.50	<0.50	ND	4.2
MW-14	03/15/2010	95.16	15.44	NP	NP	79.72		<0.50	<0.50	<0.50	<0.50	ND	1.6
MW-14	04/08/2010	95.16	19.62	NP	NP	75.54		Gauged Only					
MW-14	05/19/2010	95.16	15.67	NP	NP	79.49		<0.50	<0.50	<0.50	<0.50	ND	3.8
MW-14	06/02/2010	95.16	15.82	NP	NP	79.34		Gauged Only					
MW-14	07/12/2010	95.16	15.92	NP	NP	79.24		Gauged Only					
MW-14	08/18/2010	95.16	16.36	NP	NP	78.80		<0.50	<0.50	<0.50	<0.50	ND	4.1
MW-14	11/01/2010	95.16	16.01	NP	NP	79.15		<0.50	<0.50	<0.50	<0.50	ND	3
MW-14	02/14/2011	95.16	15.91	NP	NP	79.25		<0.50	<0.50	<0.50	<0.50	ND	3.8
MW-14	06/17/2011	95.16	15.94	NP	NP	79.22	1.75**	<0.50	<0.50	<0.50	<0.50	ND	3.4
MW-14	08/01/2011	95.16	16.13	NP	NP	79.03	1.75**	<0.50	<0.50	<0.50	<0.50	ND	3.9
MW-14	11/01/2011	95.16	15.50	NP	NP	79.66	2.00	<0.50	<0.50	<0.50	<0.50	ND	2.4
MW-14	02/14/2012	95.16	16.29	NP	NP	78.87	1.50	<0.50	<0.50	<0.50	<0.50	ND	4.9
MW-14	05/24/2012	95.16	16.34	NP	NP	78.82	1.50	<0.50	<0.50	<0.50	<0.50	ND	3.2

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-14	08/27/2012	95.16	15.65	NP	NP	79.51	1.75	<0.50	<0.50	<0.50	<0.50	ND	2.6
MW-14	11/26/2012	95.16	16.34	NP	NP	78.82	2.00	<0.50	<0.50	<0.50	<0.50	ND	3.4
MW-14	02/15/2013	95.16	16.54	NP	NP	78.62	1.50	<0.50	<0.50	<0.50	<0.50	ND	3.3
MW-14	05/13/2013	95.16	16.51	NP	NP	78.65	1.50	<0.50	<0.50	<0.50	<0.50	ND	3.3
MW-14	08/27/2013	95.16	16.12	NP	NP	79.04	1.75	<0.50	<0.50	<0.50	<0.50	ND	2.7
MW-14	11/13/2013	95.16	16.73	NP	NP	78.43	1.50	<0.50	<0.50	<0.50	<0.50	ND	2.8
MW-14	02/25/2014	95.16	15.95	NP	NP	79.21	2.00	<.50	<.50	<.50	<0.50	ND	2.5
MW-14	05/30/2014	95.16	16.16	NP	NP	79	NM	<0.50	<0.50	<0.50	<0.50	ND	2.2
MW-14	08/08/2014	95.16	16.18	NP	NP	78.98	1.75	<0.50	<0.50	<0.50	<0.50	ND	2.5
MW-15	06/30/2009	99.08	17.22	NP	NP	NM		Gauged Only					
MW-15	07/30/2009	99.08	17.25	NP	NP	81.83		Gauged Only					
MW-15	08/06/2009	99.08	17.37	NP	NP	81.71		110	9,300	1,700	7,900	19,010	<5.0
MW-15	09/03/2009	99.08	17.46	NP	NP	81.62		Gauged Only					
MW-15	10/13/2009	99.08	17.65	NP	NP	81.43		Gauged Only					
MW-15	11/23/2009	99.08	17.76	NP	NP	81.32		180	12,000	2,900	17,000	32,080	<5.0
MW-15	12/08/2009	99.08	17.68	NP	NP	81.40		Gauged Only					
MW-15	01/31/2010	99.08	17.64	NP	NP	81.44		Gauged Only					
MW-15	02/09/2010	99.08	17.68	NP	NP	81.40		140	8,000	1,900	15,000	25,040	<5.0
MW-15	03/15/2010	99.08	16.94	NP	NP	82.14		150	7,200	2,100	15,000	24,450	<5.0
MW-15	04/08/2010	99.08	21.11	NP	NP	77.97		Gauged Only					

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
BP Station Number 03887
164 4th Ave
Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA						
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10	
MW-15	05/19/2010	99.08	16.8	NP	NP	82.28		150	6,100	1,900	15,000	23,150	<5.0	
MW-15	06/02/2010	99.08	16.95	NP	NP	82.13		Gauged Only						
MW-15	07/12/2010	99.08	17.20	NP	NP	81.88		Gauged Only						
MW-15	08/18/2010	99.08	17.56	NP	NP	81.52		180	4,500	2,600	16,000	23,280	<2.5	
MW-15	11/01/2010	99.08	17.51	NP	NP	81.57		160	2,600	2,300	15,000	20,060	<5.0	
MW-15	02/14/2011	99.08	17.40	NP	NP	81.68		150	2,000	2,300	13,000	17,450	<2.5	
MW-15	06/17/2011	99.08	17.01	NP	NP	82.07	2.00**	150	2,600	2,400	14,000	19,150	<5.0	
MW-15	08/01/2011	99.08	17.45	NP	NP	81.63	1.75**	150	2,300	2,800	14,000	19,250	1.3 J	
MW-15	11/01/2011	99.08	16.30	NP	NP	82.78	2.50	83	1,200	2,500	15,000	18,783	<5.0	
MW-15	02/14/2012	99.08	16.9	NP	NP	82.18	2.00	98	380	2,600	14,000	17,078	<2.5	
MW-15	05/24/2012	99.08	17.36	NP	NP	81.72	1.75	100	170	2,500	14,000	16,770	<5.0	
MW-15	08/27/2012	99.08	17.36	NP	NP	81.72	2.00	120	170	2,500	11,000	13,790	<2.5	
MW-15	11/26/2012	99.08	17.65	NP	NP	81.43	2.00	47	9,800	2,000	12,000	23,847	<10	
MW-15	02/15/2013	99.08	16.85	NP	NP	82.23	2.00	8.0 J	2,500	1,200	9,500	13,208	<0.50	
MW-15	05/13/2013	99.08	15.52	NP	NP	83.56	2.75	14	1,000	710	6,100	7,824	<0.50	
MW-15	08/27/2013	99.08	16.76	NP	NP	82.32	2.25	16	690	1,000	6,300	8,006	<5.0	
MW-15	11/13/2013	99.08	17.90	NP	NP	81.18	2.00	9.6	1,300	1,000	6,300	8,610	<2.5	
MW-15	02/25/2014	99.08	Not Sampled - Well Flooded					NM	Not sampled - well flooding					
MW-15	05/30/2014	99.08	17.61	NP	NP	81.47	NM	2.6	100	360	2700	3,163	<1.3	
MW-15	08/08/2014	99.08	17.76	NP	NP	81.32	1.75	3.0 J	200	530	4,400	5,133	<2.5	

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-16	06/30/2009	100.3	19.92	NP	NP	NM		Gauged Only					
MW-16	07/30/2009	100.3	18.15	NP	NP	82.15		Gauged Only					
MW-16	08/06/2009	100.30	19.91	NP	NP	80.39		36	1.4 J	2.9 J	3.7 J	44.0	34
MW-16	09/03/2009	100.30	19.91	NP	NP	80.39		Gauged Only					
MW-16	10/13/2009	100.30	19.96	NP	NP	80.34		Gauged Only					
MW-16	11/23/2009	100.30	20.03	NP	NP	80.27		15	1	1.8	2.5	20.3	55
MW-16	12/08/2009	100.30	20.01	NP	NP	80.29		Gauged Only					
MW-16	01/31/2010	100.30	19.99	NP	NP	80.31		Gauged Only					
MW-16	02/09/2010	100.30	20.05	NP	NP	80.25		12	1.1	1.6	2.5	17.2	57
MW-16	03/15/2010	100.30	19.86	NP	NP	80.44		16	1.6	2.7	4.7	25.0	43
MW-16	04/08/2010	100.30	22.79	NP	NP	77.51		Gauged Only					
MW-16	05/19/2010	100.30	19.83	NP	NP	80.47		10	0.89 J	1.7	2.4	15.0	38
MW-16	06/02/2010	100.30	19.86	NP	NP	80.44		Gauged Only					
MW-16	07/12/2010	100.30	19.89	NP	NP	80.41		Gauged Only					
MW-16	08/18/2010	100.30	20.03	NP	NP	80.27		7.8	0.94 J	1.4	2.5	12.6	37
MW-16	11/01/2010	100.30	19.97	NP	NP	80.33		6.3	0.87 J	0.92 J	2.2	10.3	33
MW-16	02/14/2011	100.30	19.89	NP	NP	80.41		3.9	0.80 J	<0.50	2.1	6.8	23
MW-16	06/17/2011	100.30	19.82	NP	NP	80.48	1.25**	3.3	0.93 J	<0.50	2.4	6.63	15
MW-16	08/01/2011	100.30	19.87	NP	NP	80.43	1.25**	1.8	0.85 J	<0.50	2.5	5.15	18
MW-16	11/01/2011	100.30	22.35	NP	NP	77.95	1.25	1.4	0.83 J	<0.50	2.3	4.53	13
MW-16	02/14/2012	100.3	19.9	NP	NP	80.4	1.00	0.54 J	0.92 J	<0.50	3.7	5.16	16

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
BP Station Number 03887
164 4th Ave
Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-16	05/24/2012	100.3	19.97	NP	NP	80.33	1.00	<0.50	0.75	<0.50	2.5	3.25	11
MW-16	08/27/2012	100.3	19.89	NP	NP	80.41	1.00	<0.50	0.65 J	<0.50	2	2.65	16
MW-16	11/26/2012	100.3	19.95	NP	NP	80.35	1.00	<0.50	0.59 J	<0.50	1.9	2.49	14
MW-16	02/15/2013	100.3	19.85	NP	NP	80.45	1.00	<0.50	0.63 J	<0.50	1.7	2.33	16
MW-16	05/13/2013	100.30	19.71	NP	NP	80.59	1.50	<0.50	0.69 J	<0.50	2.8	3.49	13
MW-16	08/27/2013	100.30	19.82	NP	NP	80.48	1.50	<0.50	<0.50	<0.50	1.4	1.4	11
MW-16	11/13/2013	100.30	20.04	NP	NP	80.26	2.25	<0.50	<0.50	<0.50	1.0	1.0	13
MW-16	02/25/2014	100.30	19.45	NP	NP	80.85	3.00	0.51 J	0.82 J	<0.50	0.82 J	2.15	12
MW-16	05/30/2014	100.3	19.95	NP	NP	80.35	NM	0.91	1.1	0.57	2.3	4.88	16
MW-16	08/08/2014	100.3	19.93	NP	NP	80.37	1.50	0.62 J	<0.50	<0.50	1.4	2.02	16
MW-17	06/30/2009	94.96	13.66	NP	NP	NM		Gauged Only					
MW-17	07/30/2009	94.96	17.57	NP	NP	77.39		Gauged Only					
MW-17	08/06/2009	94.96	15.36	NP	NP	79.60		<0.50	<0.70	<0.80	<0.80	ND	0.82 J
MW-17	09/03/2009	94.96	15.57	NP	NP	79.39		Gauged Only					
MW-17	10/13/2009	94.96	15.66	NP	NP	79.30		Gauged Only					
MW-17	11/23/2009	94.96	15.79	NP	NP	79.17		<0.50	<0.50	<0.50	<0.50	ND	<0.50
MW-17	12/08/2009	94.96	15.88	NP	NP	79.08		Gauged Only					
MW-17	01/31/2010	94.96	15.83	NP	NP	79.13		Gauged Only					
MW-17	02/09/2010	94.96	15.89	NP	NP	79.07		<0.50	<0.50	<0.50	<0.50	ND	1.2
MW-17	03/15/2010	94.96	15.21	NP	NP	79.75		<0.50	<0.50	<0.50	<0.50	ND	1.5

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA						GROUND WATER ANALYTICAL DATA					
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10
MW-17	04/08/2010	94.96	20.98	NP	NP	73.98		Gauged Only					
MW-17	05/19/2010	94.96	15.44	NP	NP	79.52		<0.50	<0.50	<0.50	<0.50	ND	1.2
MW-17	06/02/2010	94.96	15.62	NP	NP	79.34		Gauged Only					
MW-17	07/12/2010	94.96	15.72	NP	NP	79.24		Gauged Only					
MW-17	08/18/2010	94.96	16.01	NP	NP	78.95		<0.50	<0.50	<0.50	<0.50	ND	1.2
MW-17	11/01/2010	94.96	15.78	NP	NP	79.18		<0.50	<0.50	<0.50	<0.50	ND	1
MW-17	02/14/2011	94.96	15.68	NP	NP	79.28		<0.50	<0.50	<0.50	<0.50	ND	1.1
MW-17	06/17/2011	94.96	15.71	NP	NP	79.25	2.50**	<0.50	<0.50	<0.50	<0.50	ND	0.83 J
MW-17	08/01/2011	94.96	15.94	NP	NP	79.02	2.25**	<0.50	<0.50	<0.50	<0.50	ND	1
MW-17	11/01/2011	94.96	15.30	NP	NP	79.66	2.75	<0.50	<0.50	<0.50	<0.50	ND	0.95 J
MW-17	02/14/2012	94.96	16.09	NP	NP	78.87	2.25	<0.50	<0.50	<0.50	<0.50	ND	1.5
MW-17	05/24/2012	94.96	16.15	NP	NP	78.81	2.25	<0.50	<0.50	<0.50	<0.50	ND	1
MW-17	08/27/2012	94.96	15.44	NP	NP	79.52	6.00	<0.50	<0.50	<0.50	<0.50	ND	1.6
MW-17	11/26/2012	94.96	16.15	NP	NP	78.81	2.50	<0.50	<0.50	<0.50	<0.50	ND	1.5
MW-17	02/15/2013	94.96	16.32	NP	NP	78.64	2.00	<0.50	<0.50	<0.50	<0.50	ND	1.4
MW-17	05/13/2013	94.96	16.32	NP	NP	78.64	2.00	<0.50	<0.50	<0.50	<0.50	ND	1.1
MW-17	08/27/2013	94.96	15.93	NP	NP	79.03	2.50	<0.50	<0.50	<0.50	<0.50	ND	1.3
MW-17	11/13/2013	94.96	16.54	NP	NP	78.42	2.00	<0.50	<0.50	<0.50	<0.50	ND	1.4
MW-17	02/25/2014	94.96	20.60	NP	NP	74.36	2.50	<0.50	<0.50	<0.50	<0.50	ND	1.1
MW-17	05/30/2014	94.96	15.98	NP	NP	78.98	NM	<0.50	<0.50	<0.50	<0.50	ND	0.81
MW-17	08/08/2014	94.96	15.97	NP	NP	78.99	5.25	<0.50	<0.50	<0.50	<0.50	ND	0.87 J

TABLE 1
GROUND WATER GAUGING AND ANALYTICAL DATA
 BP Station Number 03887
 164 4th Ave
 Brooklyn, NY

Well ID	Date	GROUND WATER GAUGING DATA					GROUND WATER ANALYTICAL DATA						
		Reference Elevation (ft)	Depth to Water (ft)	Depth to LNAPL (ft)	LNAPL Thickness (ft)	Water Elevation (ft)*	Purge Volume (gals)*	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)
NYSDEC TOGS WQS		NGV	NGV	NGV	NGV	NGV	NGV	1	5	5	5	NGV	10

Gauging Notes:

TOC - Top of Casing
 ft - Feet

LNAPL - Light non-aqueous phase liquid

NGV - No guidance value

NP - LNAPL not present

NM - Not measured

* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)

8/19/2009 - Well network resurveyed. New reference elevations applied since Jun

Analytical Notes:

NYSDEC - New York State Department of Environmental Conservation

TOGS WQS - Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values

TOTAL BTEX - Sum of benzene, toluene, ethylbenzene and xylenes concentrations

MTBE - Methyl tertiary-butyl ether

µg/L - Micrograms per liter

NGV - No guidance value

Results in bold exceed applicable NYSDEC WQS

< - Not detected at or above indicated laboratory reporting limit

J - Estimated concentration below the instrument reporting limit

NS - Not sampled

NA - Not analyzed

ND - Not detected

Appendix A

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Atlantic Richfield (Antea-NY)
BP Corporation
501 WestLake Park Blvd.
Houston TX 77079

August 12, 2014

Project: BP 3887

Submittal Date: 08/09/2014
Group Number: 1494948
PO Number: 0092X-0001
Release Number: ONUFRAK/3887
State of Sample Origin: NY

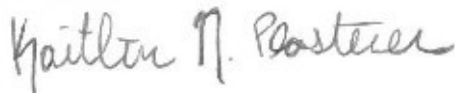
<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-9 Water	7560362
MW-10 Water	7560363
MW-14 Water	7560364
MW-17 Water	7560365
MW-13 Water	7560366
MW-12 Water	7560367
MW-12 Matrix Spike Water	7560368
MW-12 Matrix Spike Dup Water	7560369
MW-3 Water	7560370
MW-4 Water	7560371
MW-16 Water	7560372
MW-7 Water	7560373
MW-6 Water	7560374
MW-5 Water	7560375
MW-8 Water	7560376
MW-2 Water	7560377
MW-15 Water	7560378
Trip Blank Water	7560379

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

ELECTRONIC The Antea Group
COPY TO
ELECTRONIC Antea Group
COPY TOAttn: Mara Grislis

Attn: Mark Hutson

Respectfully Submitted,



Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP 3887
LL Group #: 1494948

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are included in this data set

Matrix QC may not be reported if 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.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

No additional comments are necessary.

Sample Description: MW-9 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560362
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:11 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

M9BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.50	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/12/2014 03:00	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 03:00	Brett W Kenyon	1

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

Sample Description: MW-10 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560363
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:17 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

10BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	8.7	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/12/2014 03:28	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 03:28	Brett W Kenyon	1

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

Sample Description: MW-14 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560364
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:22 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

14BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	2.5	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/12/2014 03:56	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 03:56	Brett W Kenyon	1

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

Sample Description: MW-17 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560365
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:28 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

17BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	0.87 J	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/12/2014 04:24	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 04:24	Brett W Kenyon	1

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

Sample Description: MW-13 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560366
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:34 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

13BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.50	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/12/2014 04:52	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 04:52	Brett W Kenyon	1

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

Sample Description: MW-12 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560367
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:39 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

12BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	1.5	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/11/2014 19:27	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 19:27	Brett W Kenyon	1

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

Sample Description: MW-12 Matrix Spike Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560368
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:39 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

12BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	17	0.50	1.0	1
13130	Ethylbenzene	100-41-4	18	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	18	0.50	1.0	1
13130	Toluene	108-88-3	19	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	57	0.50	1.0	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	P142234AA	08/11/2014 19:55	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 19:55	Brett W Kenyon	1

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

Sample Description: MW-12 Matrix Spike Dup Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560369
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:39 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

12BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	17	0.50	1.0	1
13130	Ethylbenzene	100-41-4	19	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	18	0.50	1.0	1
13130	Toluene	108-88-3	20	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	59	0.50	1.0	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	P142234AA	08/11/2014 20:24	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 20:24	Brett W Kenyon	1

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

Sample Description: MW-3 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560370
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:43 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

-3BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.50	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/11/2014 20:52	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 20:52	Brett W Kenyon	1

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

Sample Description: MW-4 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560371
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 10:40 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

-4BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	270	2.5	5.0	5
13130	Ethylbenzene	100-41-4	270	2.5	5.0	5
13130	Methyl Tertiary Butyl Ether	1634-04-4	62	2.5	5.0	5
13130	Toluene	108-88-3	< 2.5	2.5	5.0	5
13130	Xylene (Total)	1330-20-7	63	2.5	5.0	5

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	P142234AA	08/11/2014 21:20	Brett W Kenyon	5
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 21:20	Brett W Kenyon	5

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

Sample Description: MW-16 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560372
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 10:36 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

16BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	0.62 J	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	16	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	1.4	0.50	1.0	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	P142234AA	08/11/2014 21:48	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 21:48	Brett W Kenyon	1

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

Sample Description: MW-7 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560373
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:23 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

-7BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	24	0.50	1.0	1
13130	Ethylbenzene	100-41-4	11	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	79	0.50	1.0	1
13130	Toluene	108-88-3	4.9	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	11	0.50	1.0	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	P142234AA	08/11/2014 22:17	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 22:17	Brett W Kenyon	1

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

Sample Description: MW-6 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560374
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:29 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

-6BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	540	2.5	5.0	5
13130	Ethylbenzene	100-41-4	500	2.5	5.0	5
13130	Methyl Tertiary Butyl Ether	1634-04-4	3,900	2.5	5.0	5
13130	Toluene	108-88-3	42	2.5	5.0	5
13130	Xylene (Total)	1330-20-7	330	2.5	5.0	5

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	P142234AA	08/11/2014 23:14	Brett W Kenyon	5
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 23:14	Brett W Kenyon	5

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

Sample Description: MW-5 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560375
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 10:38 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

-5BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	130	0.50	1.0	1
13130	Ethylbenzene	100-41-4	100	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	130	0.50	1.0	1
13130	Toluene	108-88-3	5.4	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	5.9	0.50	1.0	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	P142234AA	08/11/2014 23:42	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/11/2014 23:42	Brett W Kenyon	1

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

Sample Description: MW-8 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560376
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 12:10 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

-8BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	0.83 J	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/12/2014 00:10	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 00:10	Brett W Kenyon	1

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

Sample Description: MW-2 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560377
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 12:04 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

-2BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	8.5	2.5	5.0	5
13130	Ethylbenzene	100-41-4	1,700	25	50	50
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 2.5	2.5	5.0	5
13130	Toluene	108-88-3	2.6 J	2.5	5.0	5
13130	Xylene (Total)	1330-20-7	2,400	25	50	50

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	P142234AA	08/12/2014 00:38	Brett W Kenyon	5
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	P142234AA	08/12/2014 01:07	Brett W Kenyon	50
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 00:38	Brett W Kenyon	5
01163	GC/MS VOA Water Prep	SW-846 5030C	2	P142234AA	08/12/2014 01:07	Brett W Kenyon	50

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

Sample Description: MW-15 Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560378
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014 11:47 by HM

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

15BRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	3.0 J	2.5	5.0	5
13130	Ethylbenzene	100-41-4	530	2.5	5.0	5
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 2.5	2.5	5.0	5
13130	Toluene	108-88-3	200	2.5	5.0	5
13130	Xylene (Total)	1330-20-7	4,400	25	50	50

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	P142234AA	08/12/2014 01:35	Brett W Kenyon	5
13130	UST VOCs BTEX/MTBE 8260	SW-846 8260C	1	P142234AA	08/12/2014 02:03	Brett W Kenyon	50
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 01:35	Brett W Kenyon	5
01163	GC/MS VOA Water Prep	SW-846 5030C	2	P142234AA	08/12/2014 02:03	Brett W Kenyon	50

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

Sample Description: Trip Blank Water
BP 3887 COC: R218775
164 4th Ave-Brooklyn, NY

LL Sample # WW 7560379
LL Group # 1494948
Account # 12379

Project Name: BP 3887

Collected: 08/08/2014

Atlantic Richfield (Antea-NY)

Submitted: 08/09/2014 09:45

BP Corporation

Reported: 08/12/2014 17:41

501 WestLake Park Blvd.

Houston TX 77079

TBBRK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260C	ug/l	ug/l	ug/l	
13130	Benzene	71-43-2	< 0.50	0.50	1.0	1
13130	Ethylbenzene	100-41-4	< 0.50	0.50	1.0	1
13130	Methyl Tertiary Butyl Ether	1634-04-4	< 0.50	0.50	1.0	1
13130	Toluene	108-88-3	< 0.50	0.50	1.0	1
13130	Xylene (Total)	1330-20-7	< 0.50	0.50	1.0	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	P142234AA	08/12/2014 02:31	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	P142234AA	08/12/2014 02:31	Brett W Kenyon	1

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

Quality Control Summary

Client Name: Atlantic Richfield (Antea-NY)
Reported: 08/12/14 at 05:41 PM

Group Number: 1494948

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: P142234AA	Sample number(s): 7560362-7560379								
Benzene	< 0.50	0.50	1.0	ug/l	82		78-120		
Ethylbenzene	< 0.50	0.50	1.0	ug/l	91		79-120		
Methyl Tertiary Butyl Ether	< 0.50	0.50	1.0	ug/l	87		75-120		
Toluene	< 0.50	0.50	1.0	ug/l	93		80-120		
Xylene (Total)	< 0.50	0.50	1.0	ug/l	93		80-120		

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: P142234AA	Sample number(s): 7560362-7560379 UNSPK: 7560367								
Benzene	84	87	72-134	4	30				
Ethylbenzene	92	97	71-134	5	30				
Methyl Tertiary Butyl Ether	84	83	72-126	1	30				
Toluene	94	99	80-125	6	30				
Xylene (Total)	95	98	79-125	4	30				

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: MTBE 8260B

Batch number: P142234AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7560362	95	91	99	96
7560363	94	91	99	97
7560364	94	90	99	95
7560365	95	92	98	95
7560366	95	91	99	95
7560367	94	90	98	96
7560368	94	92	99	96
7560369	94	94	99	95

*- 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: Atlantic Richfield (Antea-NY)
Reported: 08/12/14 at 05:41 PM

Group Number: 1494948

Surrogate Quality Control

7560370	94	90	99	95
7560371	94	90	99	96
7560372	95	90	100	97
7560373	95	91	100	99
7560374	95	91	99	96
7560375	95	93	99	98
7560376	94	91	98	98
7560377	94	90	98	99
7560378	94	91	99	97
7560379	94	90	98	95
Blank	93	89	99	95
LCS	94	92	99	97
MS	94	92	99	96
MSD	94	94	99	95

Limits: 80-116 77-113 80-113 78-113

*- 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.



A-12379 G-1494948 S-7560362-79
 Laboratory Management Program LaMP Chain of Custody Record R218775

BP Site Node Path: 164 4th Ave., Brooklyn, NY
 BP Facility No: 03887

Req Due Date (mm/dd/yy): STD. Rush TAT: Yes No
 Lab Work Order Number: _____

Lab Name: <u>Lancaster Labs</u>	Facility Address: <u>164 4th Ave</u>	Consultant/Contractor: <u>Antea Group</u>
Lab Address: <u>2425 New Holland Pike</u>	City, State, ZIP Code: <u>Brooklyn, NY</u>	Consultant/Contractor Project No: <u>03887EA141-EB081</u>
Lab PM: <u>Lancaster, PA</u>	Lead Regulatory Agency: <u>NYSDEC</u>	Address: <u>500 Summit Lake Drive, Valhalla, NY</u>
Lab Phone:	California Global ID No.:	Consultant/Contractor PM: <u>Mark Hutson</u>
Lab Shipping Acct:	Enfos Proposal No: <u>0092X-0001</u>	Phone: <u>(914) 495-9941</u> Email: <u>mark.hutson@anteagroup.com</u>
Lab Bottle Order No: <u>159182</u>	Accounting Mode: Provision <input checked="" type="checkbox"/> OOC-BU <input type="checkbox"/> OOC-RM <input type="checkbox"/>	Email EDD To: <u>maria.grisiis@anteagroup.com</u> and to <u>lab.enfosdoc@bp.com</u>
Other Info:	Stage: <u>60</u> Activity: <u>81</u>	Invoice To: <u>BP</u> <input checked="" type="checkbox"/> Contractor _____

BP Project Manager (PM): <u>Nicholas Onufrak</u>				Matrix		No. Containers / Preservative							Requested Analyses						Report Type & QC Level		
BP PM Phone: <u>(810) 825-8213</u>																			Standard <input checked="" type="checkbox"/>		
BP PM Email: <u>nicholas.onufrak@bp.com</u>																			Full Data Package <input type="checkbox"/>		
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Is this location a well?	Total Number of Container:	Unpreserved	H2SO4	HNO3	HCl	Methanol	BTEX / MTBE							Comments
	MW-9	8/8/14	1111	X			Y	3				3		X							
	MW-10	8/8/14	1117	X			Y	3				3		X							
	MW-14		1122	X			Y	3				3		X							
	MW-17		1128	X			Y	3				3		X							
	MW-13		1134	X			Y	3				3		X							
	MW-12		1139	X			Y	3				3		X							
	MW-12 MS		1139	X			Y	3				3		X							
	MW-12 MSD		1139	X			Y	3				3		X							
	MW-3		1143	X			Y	3				3		X							
	MW-4	8/8/14	1040	X			Y	3				3		X							

Sampler's Name: <u>Hannah Mishriki</u>	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time
Sampler's Company: <u>Antea Group</u>	<u>L. Megoshko</u>		<u>7/30/14</u>	<u>8:35</u>	<u>[Signature]</u>			
Shipment Method: <u>UPS</u> Ship Date: <u>8/8/14</u>	<u>Hannah Mishriki</u>		<u>8/8/14</u>	<u>1700</u>	<u>[Signature]</u>		<u>8/9/14</u>	<u>945</u>
Shipment Tracking No: <u>1275402X4041227617</u>								

Special Instructions: _____

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 2.5 °C | Trip Blank (Yes) / No | MS/MSD Sample Submitted: (Yes) / No



BP Site Node Path: 164 4th Avenue, Brooklyn, NY
 BP Facility No: D3887

Req Due Date (mm/dd/yy): STD.

Rush TAT: Yes ___ No

Lab Work Order Number: _____

Lab Name: Lancaster Labs	Facility Address: 164 4 th Ave,	Consultant/Contractor: Antea Group
Lab Address: 2425 New Holland Pike	City, State, ZIP Code: Brooklyn, NY	Consultant/Contractor Project No: D3887EA141-EB081
Lab PM: Lancaster, PA	Lead Regulatory Agency: NYSDEC	Address: 500 Summit Lake Drive, Valhalla, NY
Lab Phone:	California Global ID No.:	Consultant/Contractor PM: Mark Hutson
Lab Shipping Acct:	Enfos Proposal No: 0092K-0001	Phone: (914) 495-9947 Email: mark.hutson@anteagroup.com
Lab Bottle Order No:	Accounting Mode: Provision <input checked="" type="checkbox"/> OOC-BU ___ OOC-RM ___	Email EDD To: mara.grisilis@anteagroup.com and to lab.enfosdoc@bp.com
Other Info:	Stage: 6D Activity: 81	Invoice To: BP <input checked="" type="checkbox"/> Contractor ___

BP Project Manager (PM): Nicholas Onufrak				Matrix		No. Containers / Preservative						Requested Analyses										Report Type & QC Level					
BP PM Phone: (410) 825-8213				Soil / Solid	Water / Liquid	Air / Vapor	Is this location a well?	Total Number of Container:	Unpreserved	H2SO4	HNO3	HCl	Methanol	BTEX/MTBE/S&G											Standard <input checked="" type="checkbox"/>	Full Data Package ___	
BP PM Email: nicholas.onufrak@bp.com																									Comments		
Lab No.	Sample Description	Date	Time																								
	MW-16	8/8/14	1036	X	Y	3					3			X													
	MW-7		1123	X	Y	3					3			X													
	MW-6		1129	X	Y	3					3			X													
	MW-5		1038	X	Y	3					3			X													
	MW-8		1210	X	Y	3					3			X													
	MW-2		1204	X	Y	3					3			X													
	MW-15	8/8/14	1147	X	Y	3					3			X													
	Trip Blank	8/8/14	—	X	N	2					2			X													

Sampler's Name: Hannah Mishriki	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time
Sampler's Company: Antea Group	Hannah Mishriki		8/8/14	1700	[Signature]		8/9/14	945
Shipment Method: UPS Ship Date: 8/8/14								
Shipment Tracking No: 1Z75V02XN041227617								

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place Yes / No | Temp Blank Yes / No | Cooler Temp on Receipt: 2.5 °F/C | Trip Blank Yes / No | MS/MSD Sample Submitted: Yes / No

Client: Antea Group

Delivery and Receipt Information

Delivery Method: UPS Arrival Timestamp: 08/09/2014 9:45
 Number of Packages: 1 Number of Projects: 1
 State/Province of Origin: NY

Arrival Condition Summary

Shipping Container Sealed:	<u>Yes</u>	Total Trip Blank Qty:	<u>2</u>
Custody Seal Present:	<u>Yes</u>	Trip Blank Type:	<u>HCl</u>
Custody Seal Intact:	<u>Yes</u>	Air Quality Samples Present:	<u>No</u>
Samples Chilled:	<u>Yes</u>	Air Quality Flow Controllers Present:	<u>N/A</u>
Paperwork Enclosed:	<u>Yes</u>	Flow Controller Quantity:	<u>0</u>
Samples Intact:	<u>Yes</u>	Air Quality Returns:	<u>N/A</u>
Missing Samples:	<u>No</u>		
Extra Samples:	<u>No</u>		
Discrepancy in Container Qty on COC:	<u>No</u>		
Sample IDs on COC match Containers:	<u>Yes</u>		
Sample Date/Times match COC:	<u>Yes</u>		
VOA Vial Headspace ≥ 6mm:	<u>No</u>		
VOA IDs (≥ 6mm):	<u>N/A</u>		

Unpacked by Wesley Miller (2308) at 12:00 on 08/09/2014

Samples Chilled Details

Thermometer Types: *DT = Digital (Temp. Bottle)* *IR = Infrared (Surface Temp)* All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	<u>Samples Collected Same Day as Receipt?</u>	<u>Elevated Temp?</u>
1	DT121	2.5	DT	Wet	Y	Bagged	N	N

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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> 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.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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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